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SHARP 14GT-16C SERVICE MANUAL

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Block Diagram

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S52i714GT-16C

14GT-16C

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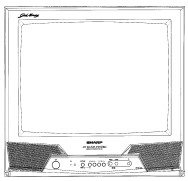
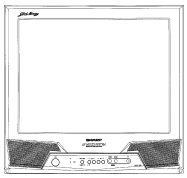


20GT-21C



21GT-21C

COLOUR TELEVISION

Chassis No. GA-1

MODELS

14GT-16C
14GT-21C
20GT-21C
21GT-21C

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

FEATURES

- PAL B/G
- NTSC(AV Thru)
- Full Auto Channel Preset and Auto Channel Skip
- 100 CH Program Memory
- CATV (Hyper Band) Ready
- AVL (Sound Keeper) Function
- High Contrast Picture (Black Stretch Circuit)
- ON Timer/Sleep Timer/Reminder Timer
- Favourite Channel
- Blue Back Noise Mute
- Front AV In (Front AV Priority) (Except 14GT-16C)
- Rear AV In/Out Terminals
- Colour-Comb Filter (NTSC AV In)
- Hotel Mode
- Front Headphone Jack (Except 14GT-16C)
- English/Thai Language OSD
- Mono Bilingual (20GT-21C & 21GT-21C Only)

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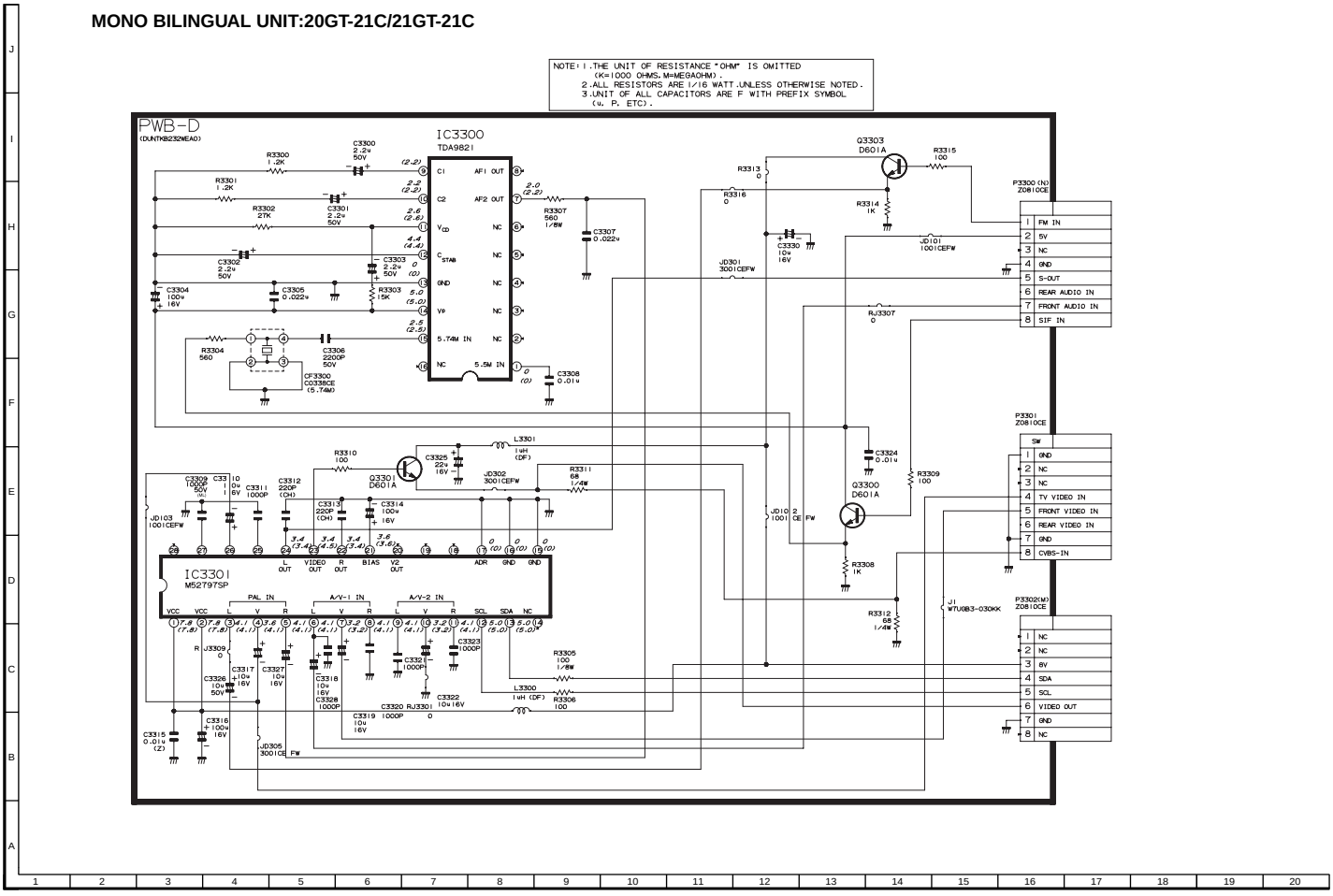
WARNING

The chassis in this receiver is partially hot. Use an isolation transformer between the line cord plug and power receptacle, when servicing this chassis. To prevent electric shock, do not remove cover. No user – serviceable parts inside. Refer servicing to qualified service personnel.

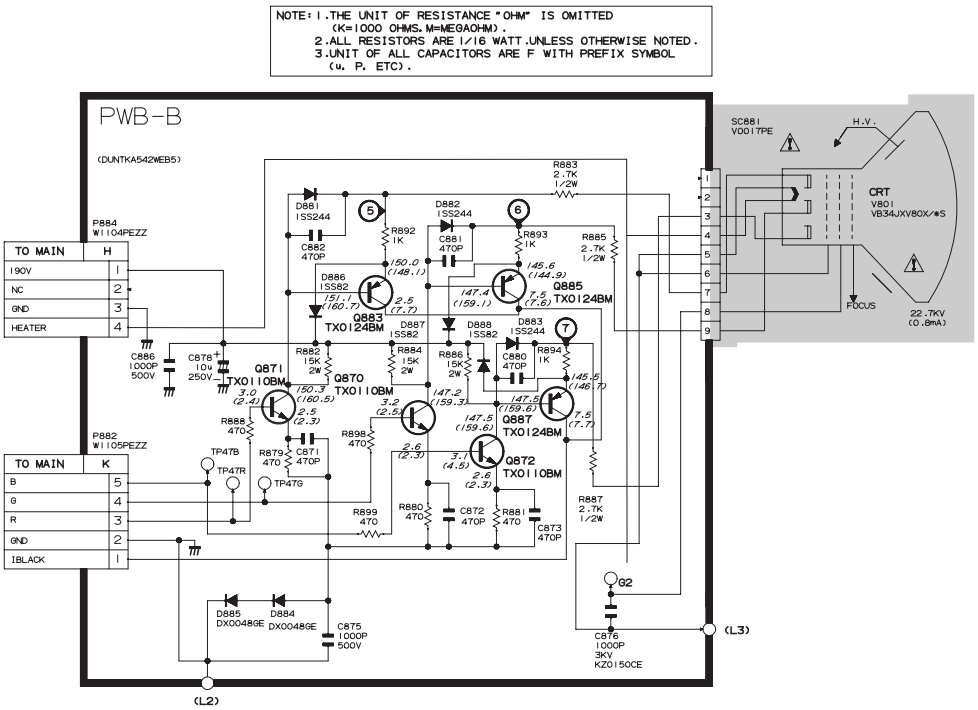
SHARP CORPORATION

14GT-16C/21C
20GT-21C/21GT-21C

MONO BILINGUAL UNIT:20GT-21C/21GT-21C



CRT UNIT : 14GT-16C/21C



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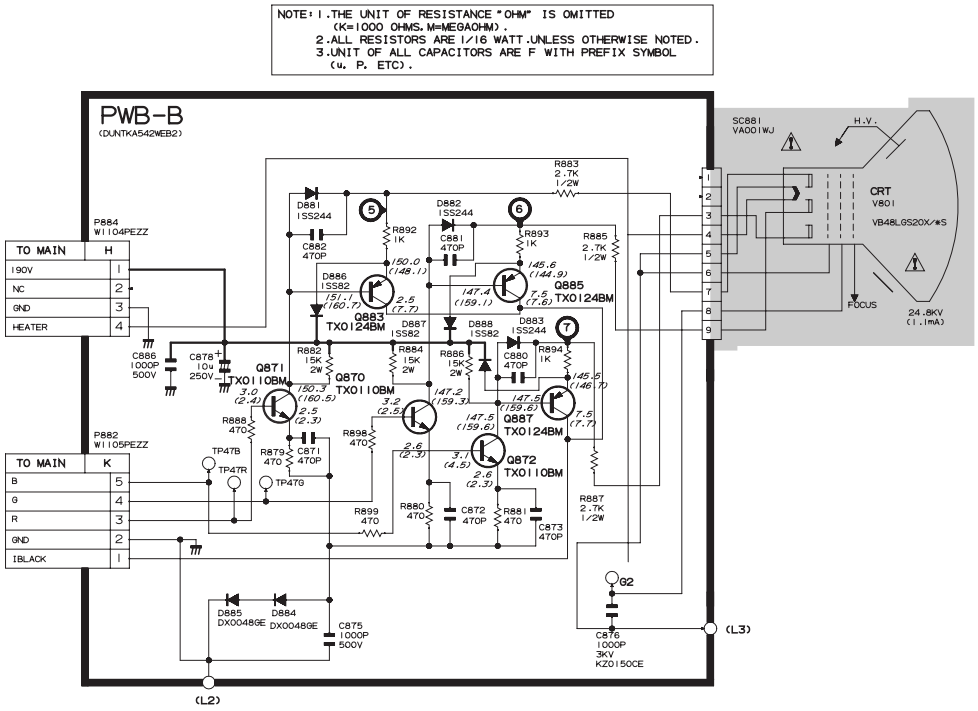

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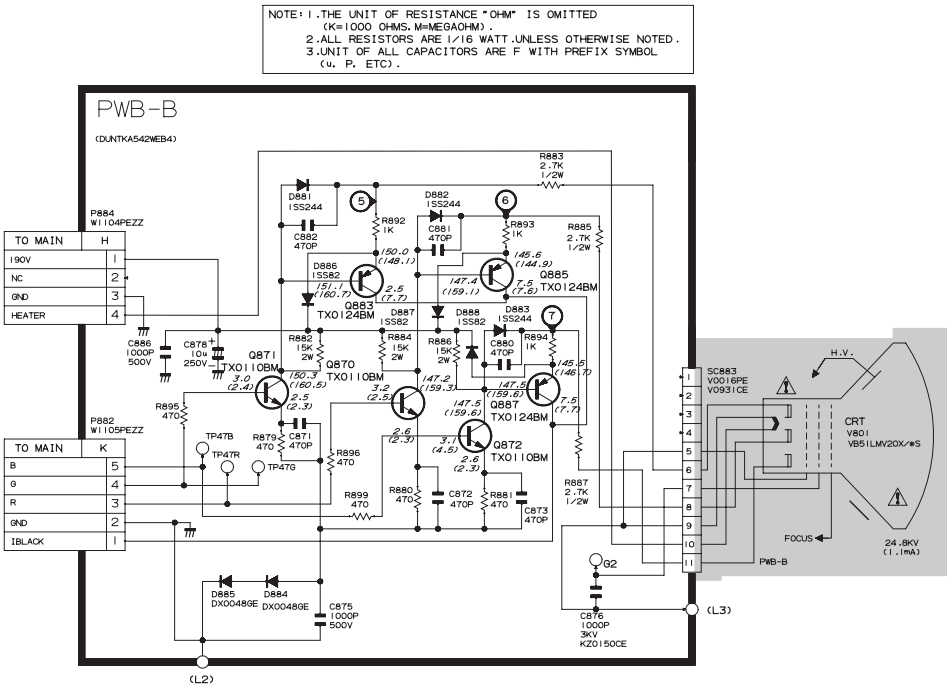
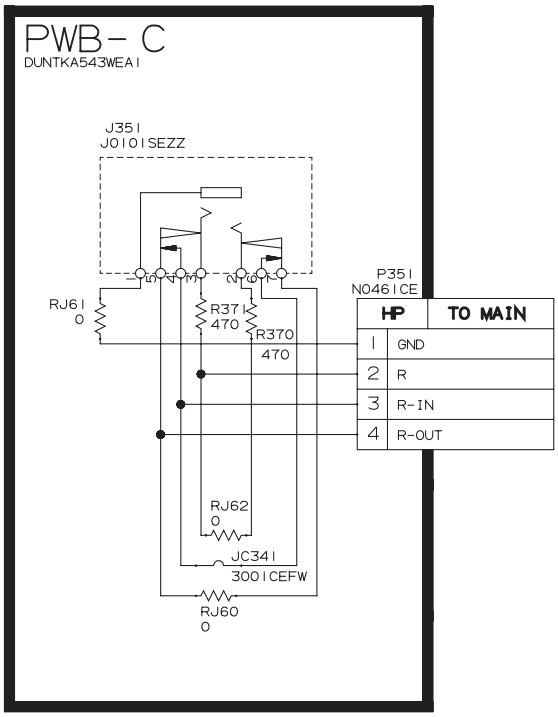
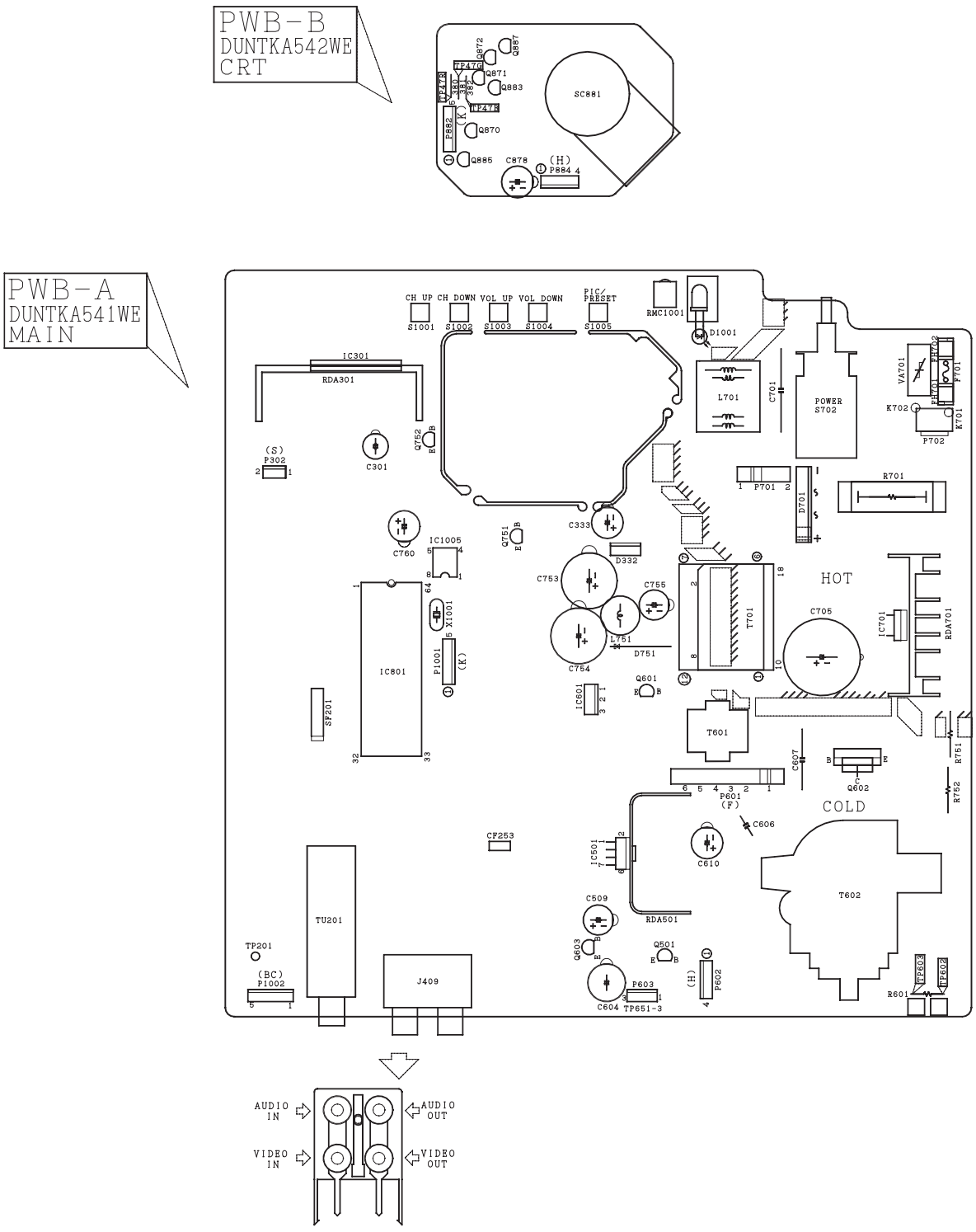


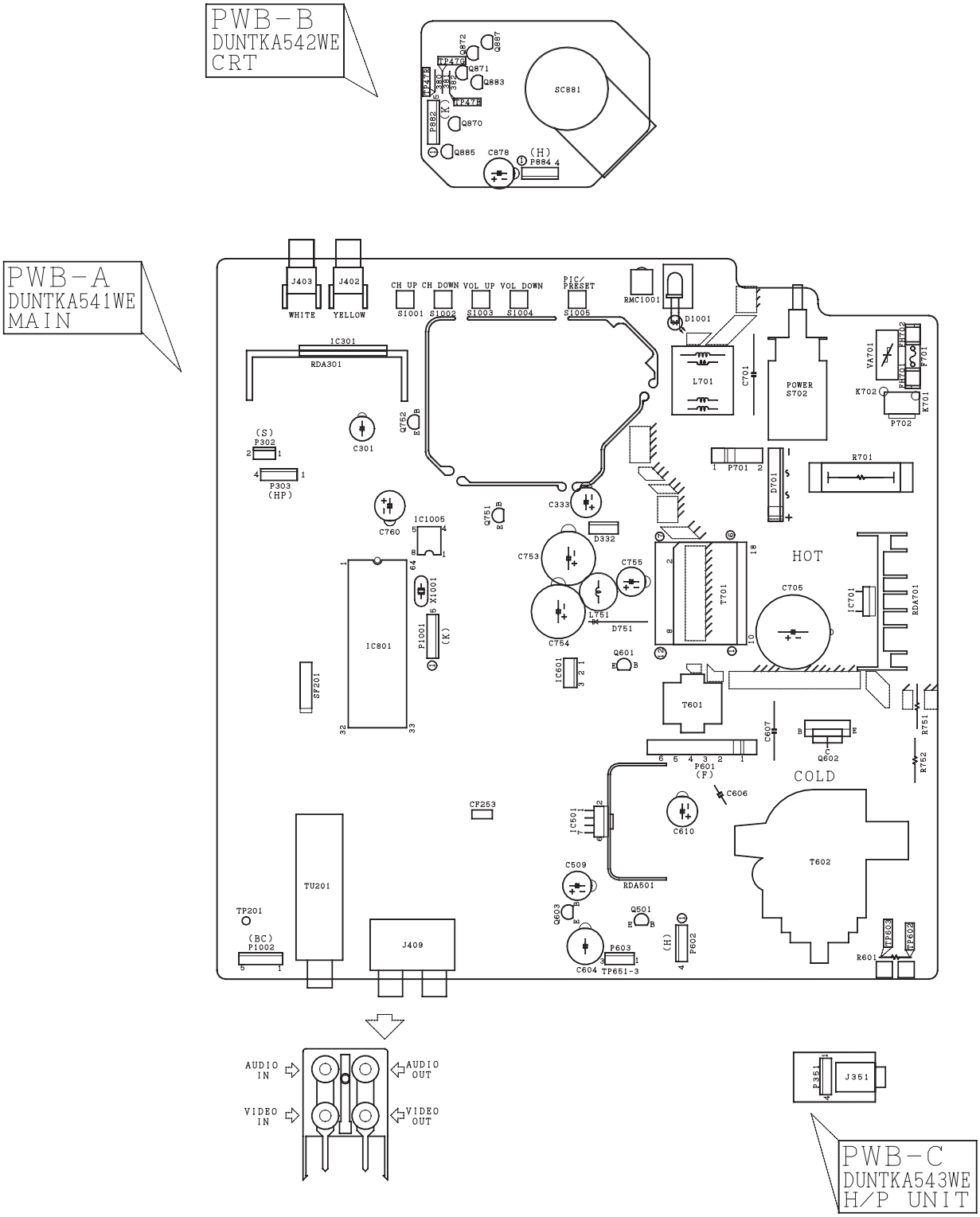
HEADPHONE UNIT : 14GT-21C/20GT-21C/21GT-21C



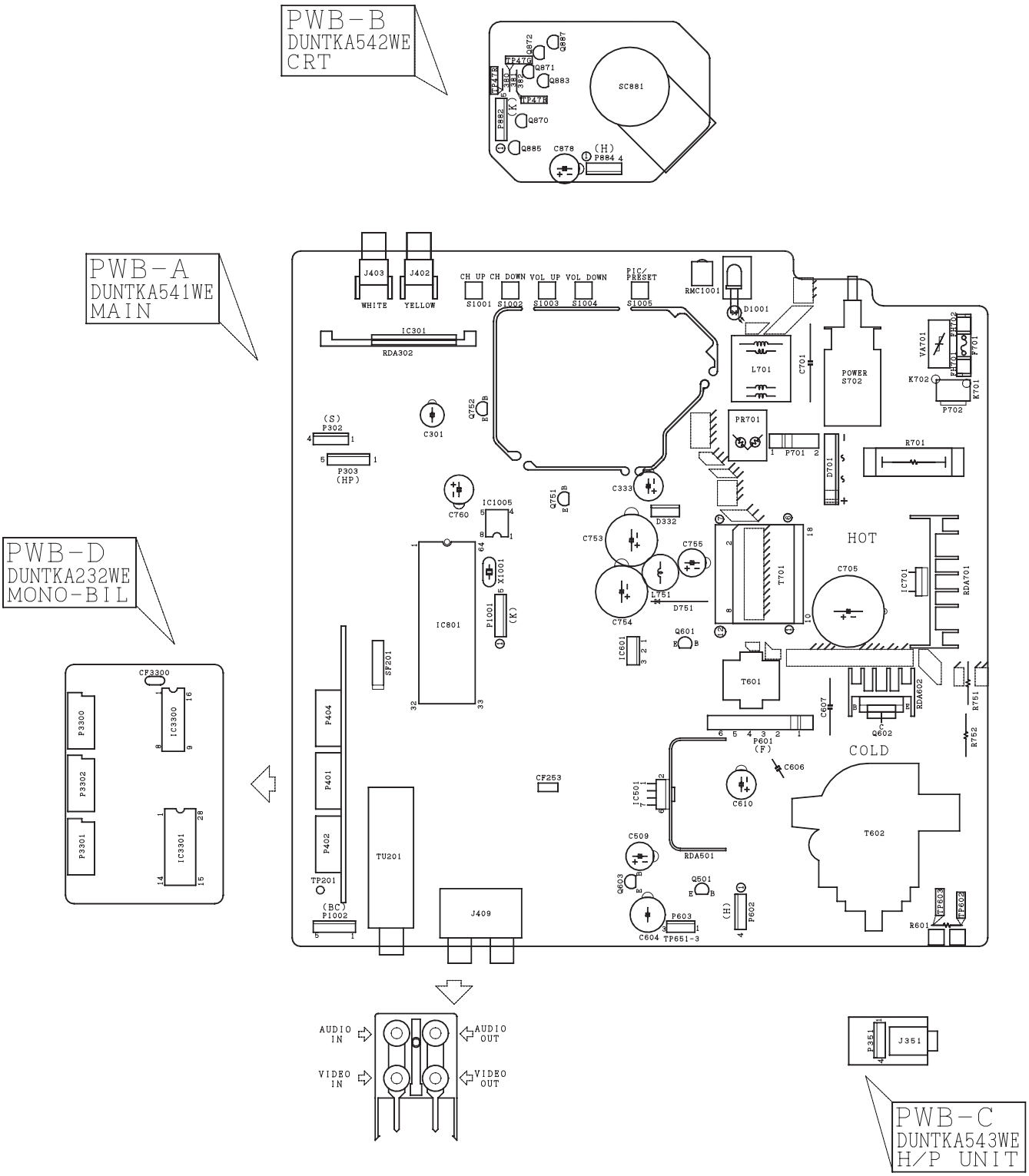
MODEL 14GT-16C CHASSIS LAYOUT



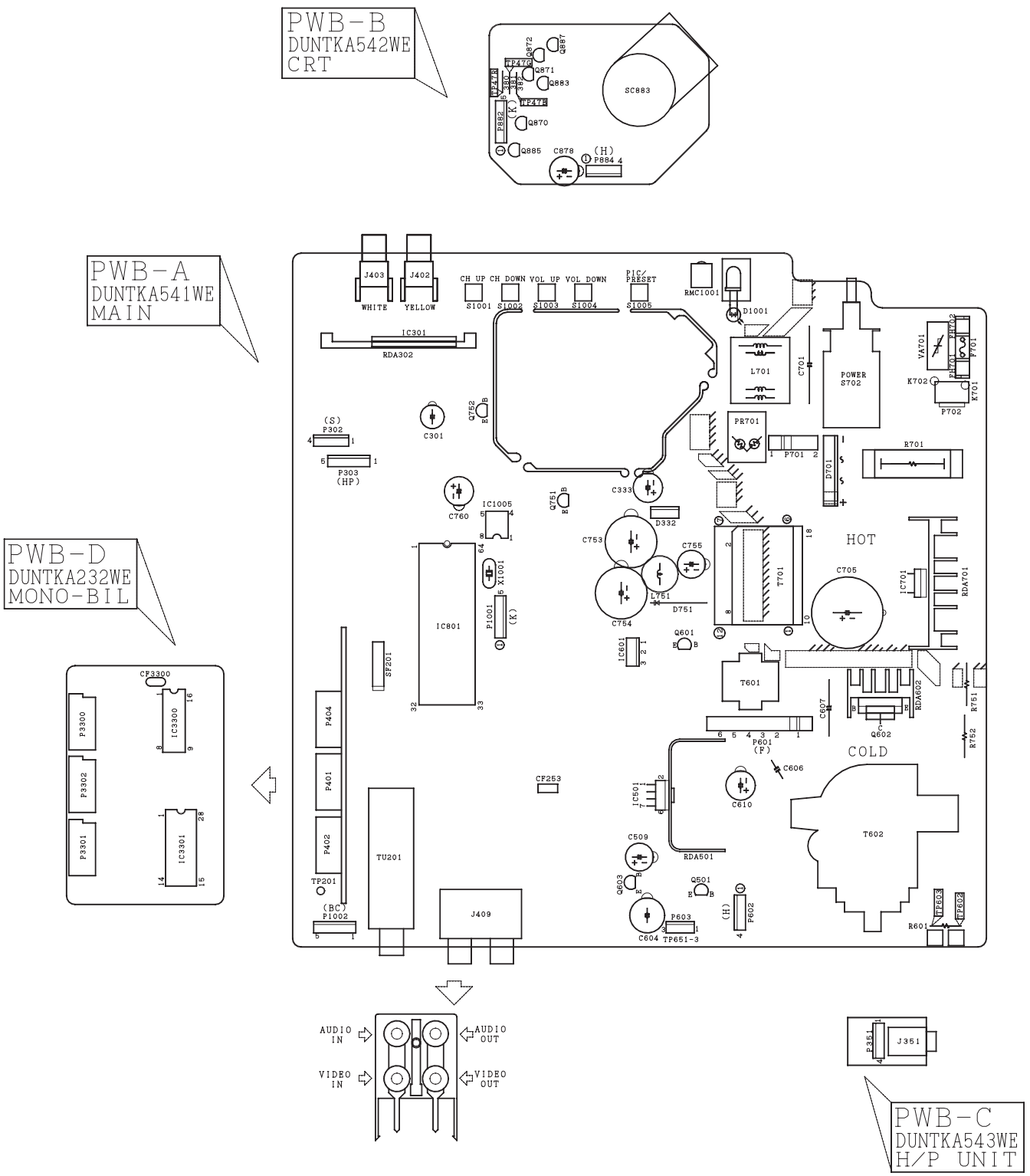
MODEL 14GT-21C CHASSIS LAYOUT



MODEL 20GT-21C CHASSIS LAYOUT



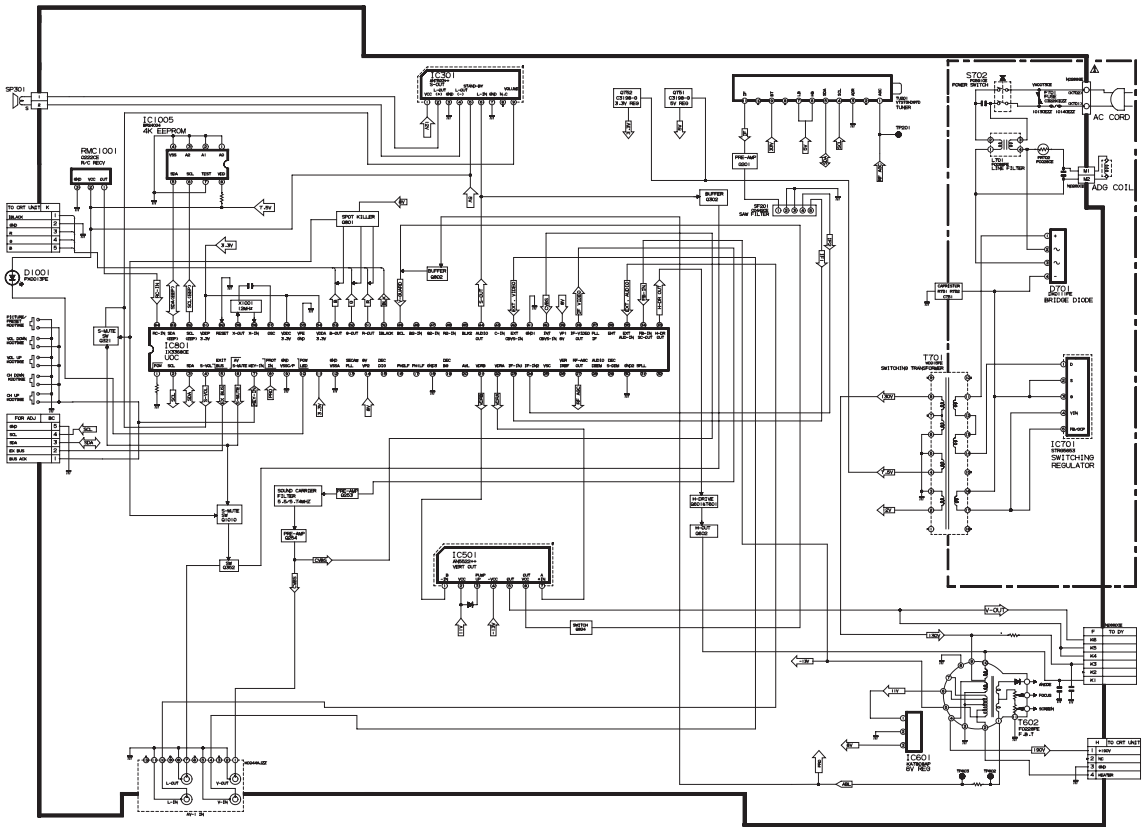
MODEL 21GT-21C CHASSIS LAYOUT



14GT-16C/21C
20GT-21C/21GT-21C

BLOCK DAIAGRAM

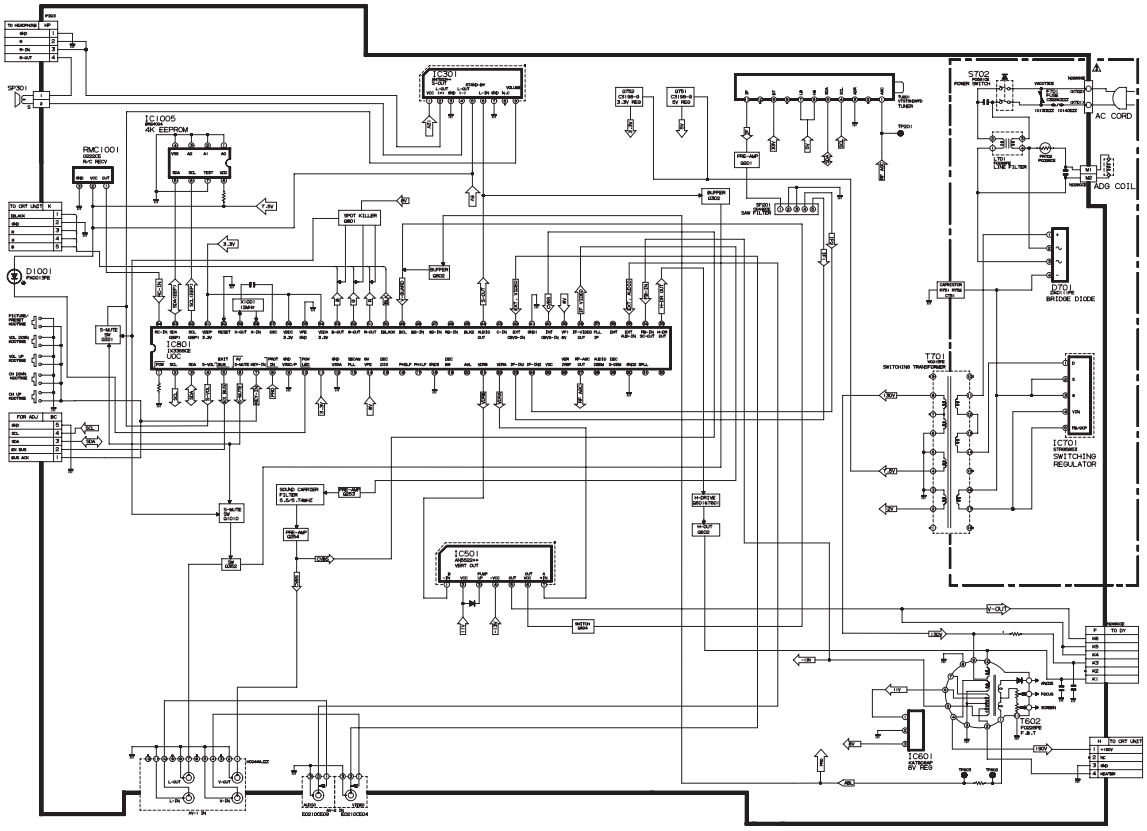
MAIN UNIT (14GT-16C)



14GT-16C/21C
20GT-21C/21GT-21C

BLOCK DAIAGRAM

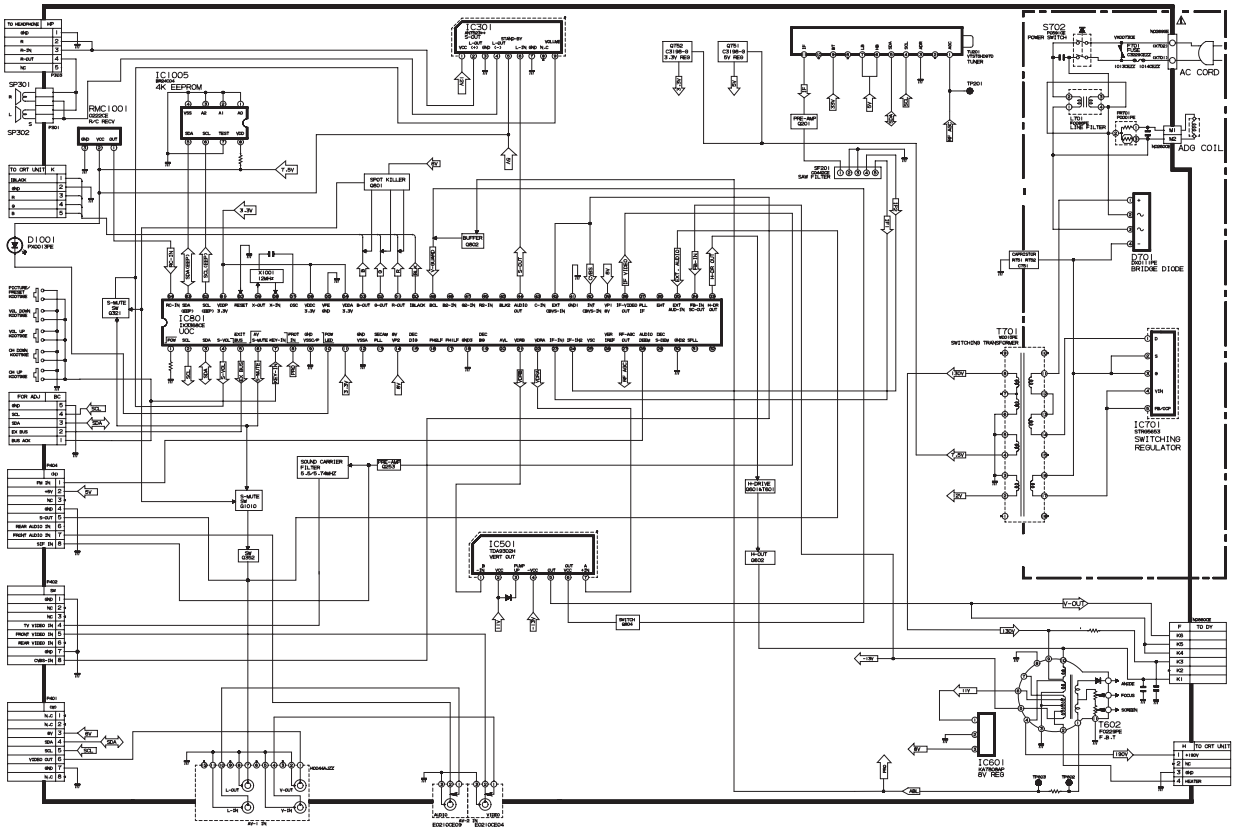
MAIN UNIT (14GT-21C)



14GT-16C/21C
20GT-21C/21GT-21C

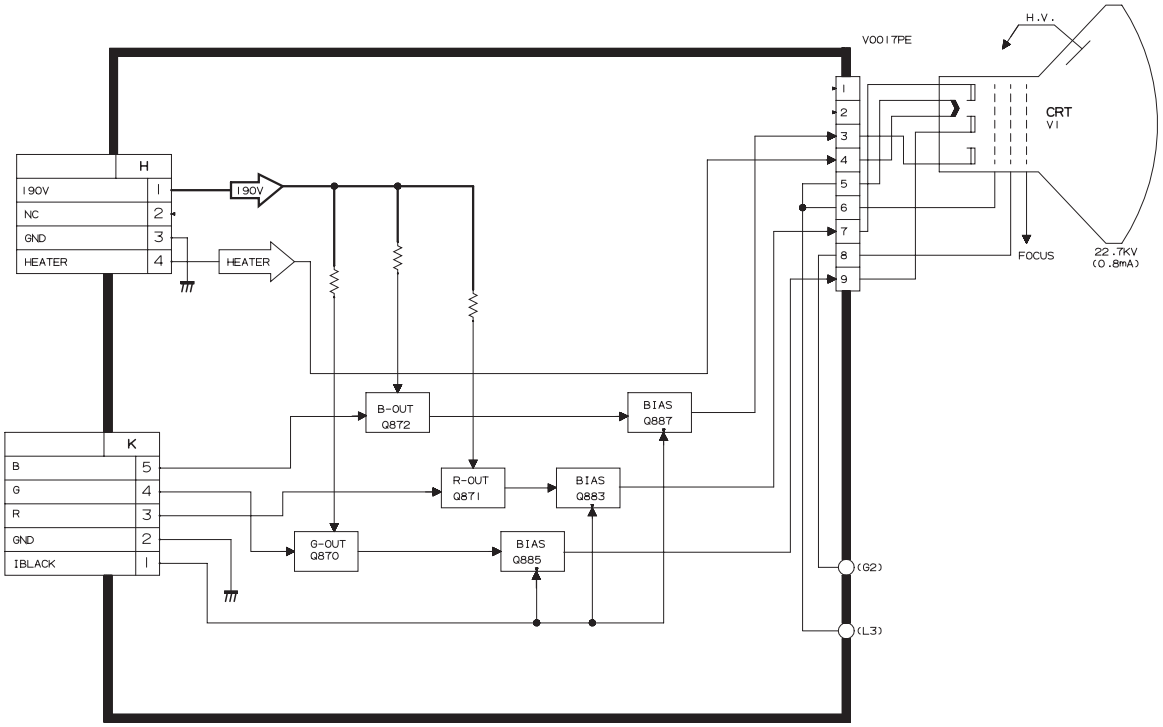
BLOCK DIAGRAM

MAIN UNIT (20GT-21C/21GT-21C)

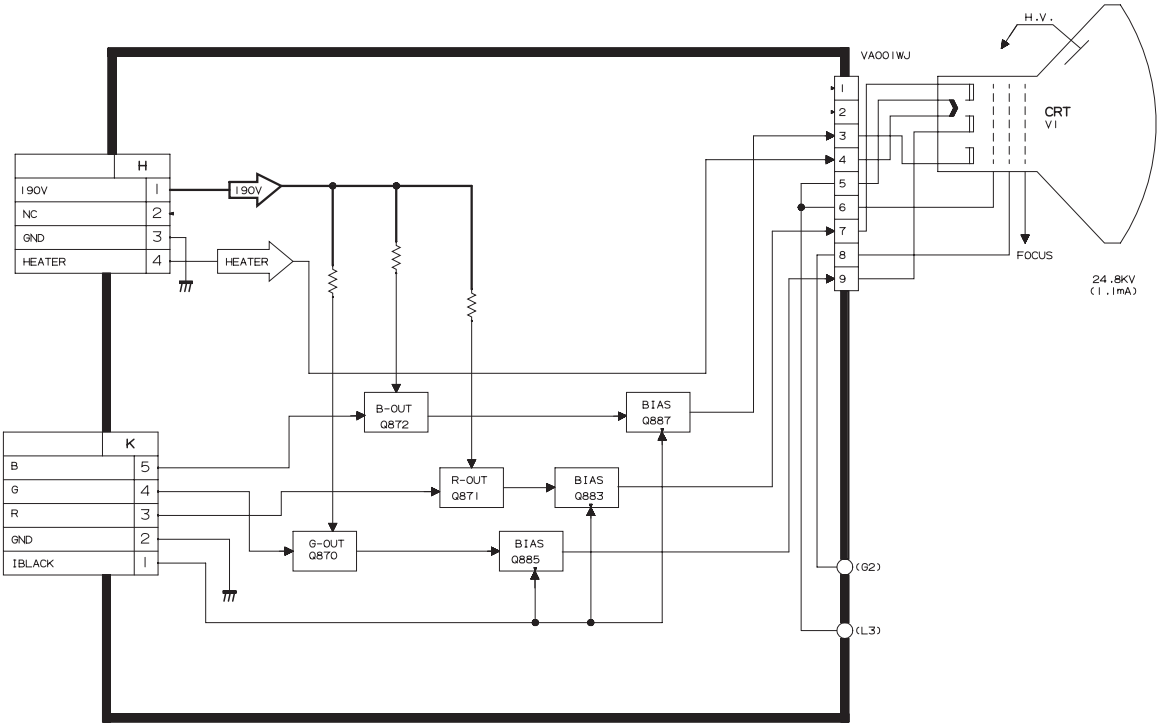


BLOCK DIAGRAM

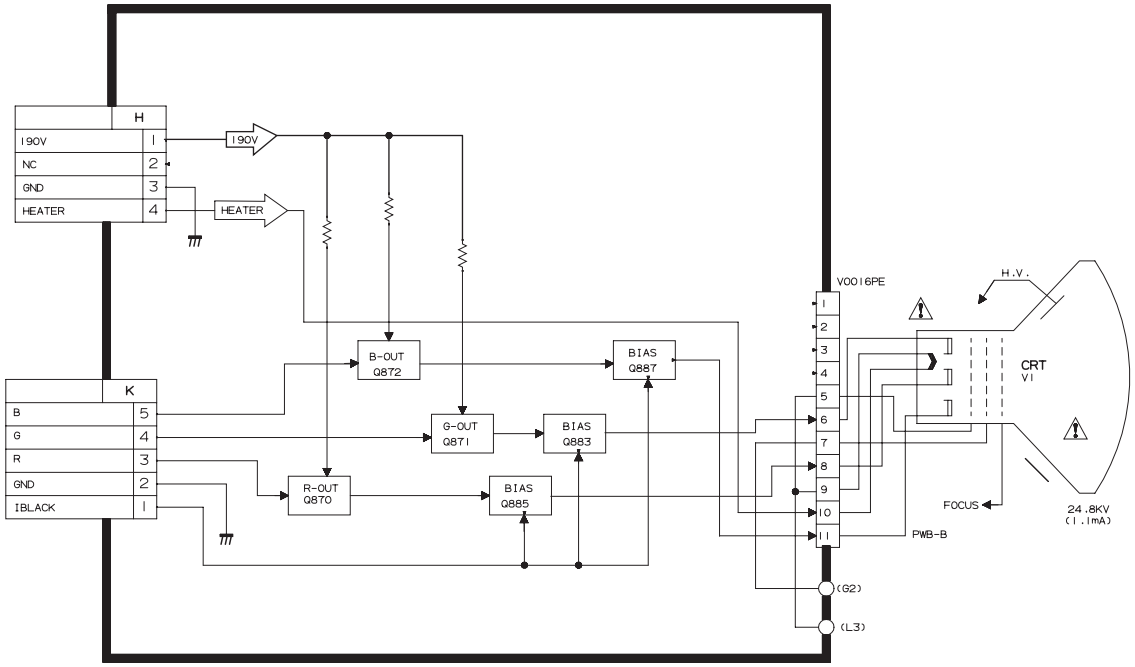
CRT UNIT BLOCK DIAGRAM : 14GT-16C/21C



CRT UNIT BLOCK DIAGRAM : 20GT-21C

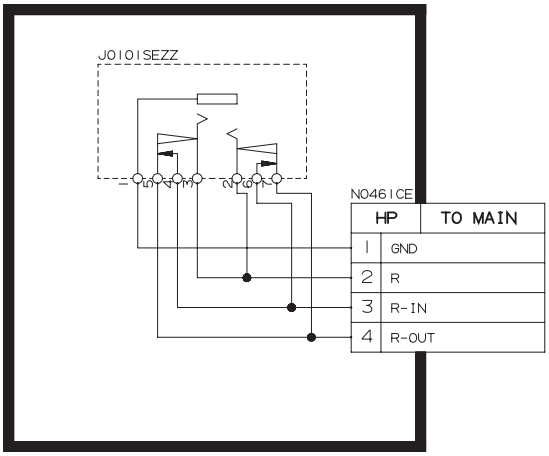


CRT UNIT BLOCK DIAGRAM : 21GT-21C

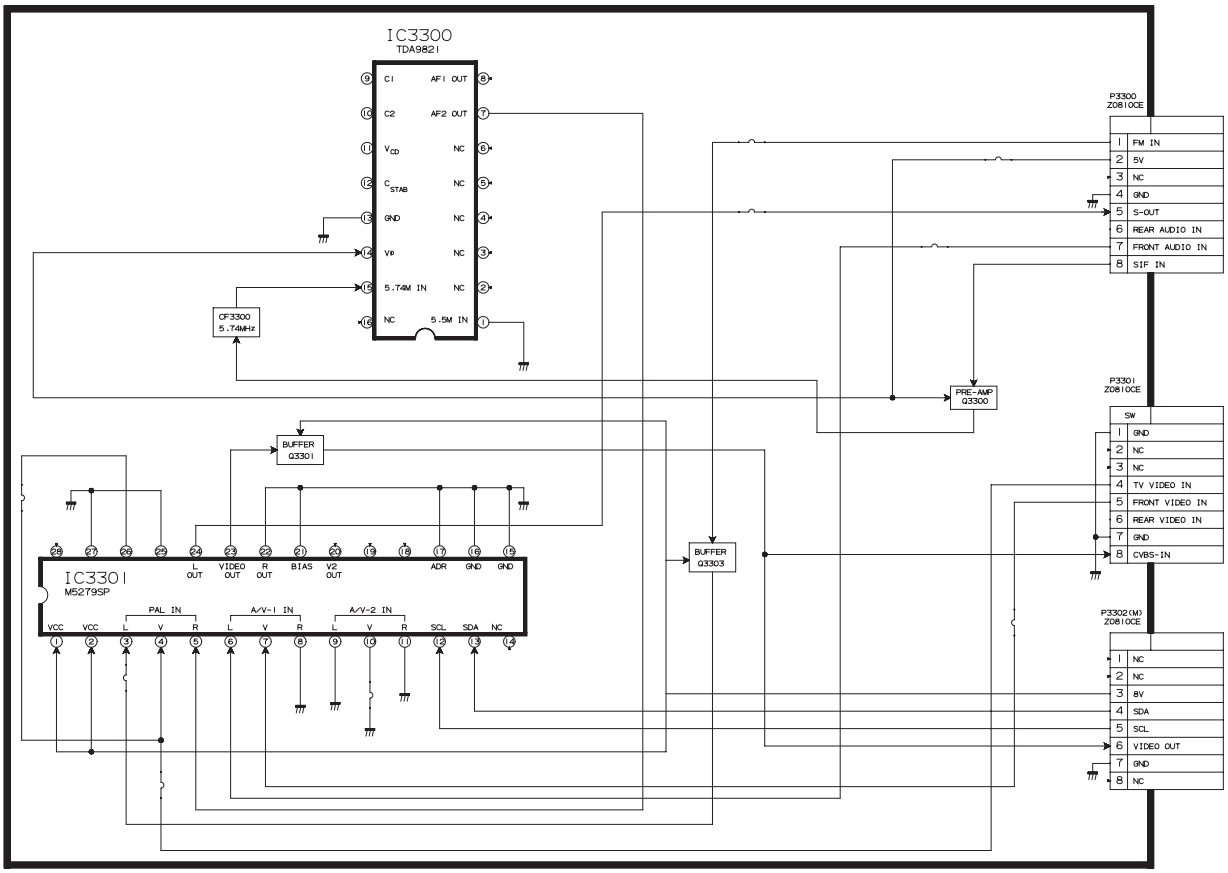


BLOCK DIAGRAM

HEADPHONE UNIT BLOCK DIAGRAM

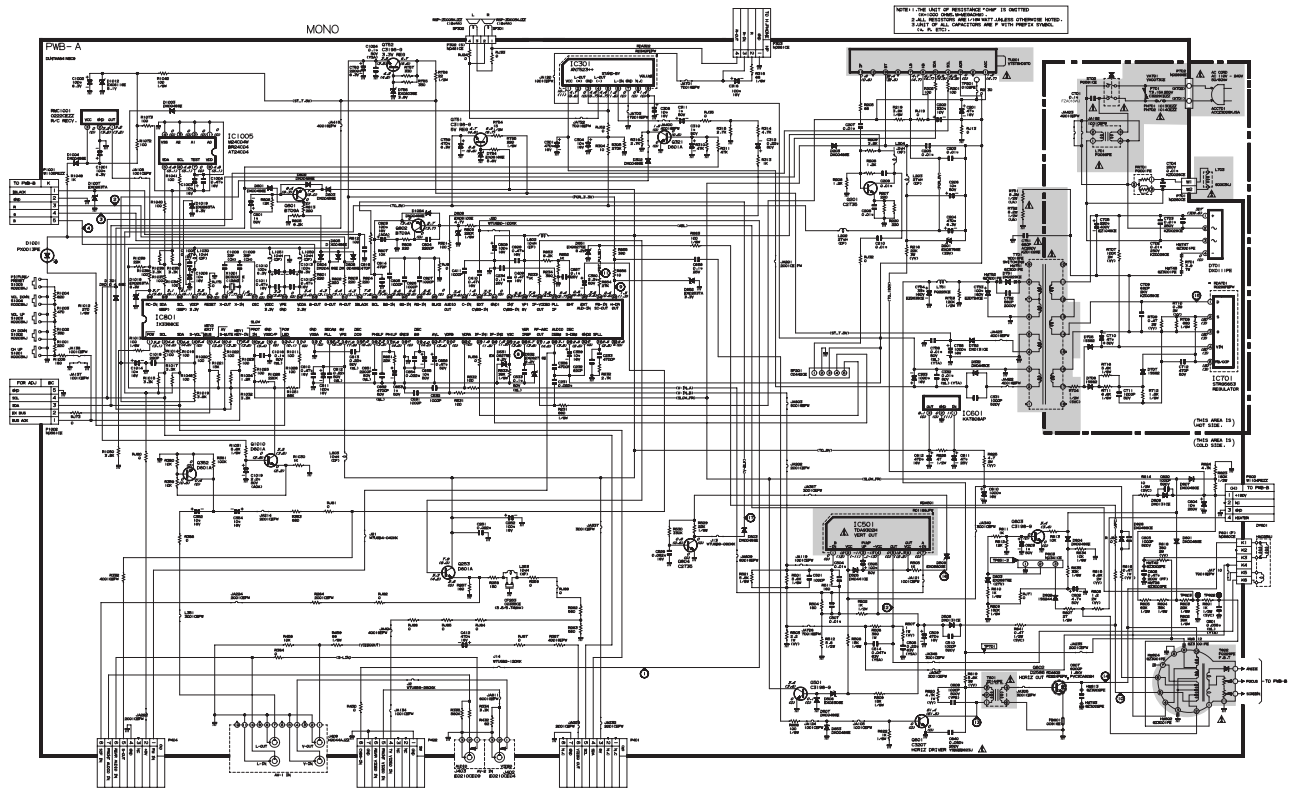


MONO BILINGUAL UNIT BLOCK DIAGRAM



14GT-16C/21C
20GT-21C/21GT-21C

MAIN UNIT : 21GT-21C



REPLACEMENT PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. **MODEL NUMBER**
2. **REF. NO.**
3. **PART NO.**
4. **DESCRIPTION**

MARK ★ SPARE PARTS-DELIVERY SECTION.

Ref. No.	Part No.	★	Description	Code
PICTURE TUBE				
⚠ L703	RCiLG0001KJZZ	R	Degaussing Coil (14GT-16C/14GT-21C)	AH
⚠ L703	RCiLG0002KJZZ	R	Degaussing Coil (20GT-21C)	
⚠ L703	RCiLG0003KJZZ	R	Degaussing Coil (21GT-21C)	
	QEARC1431CEZZ	R	Ground-Part (14GT-16C/14GT-21C)	AE
	QEARC2006CEZZ	R	Ground-Part(20GT-21C)	
	QEARC2115CEZZ	R	Ground-Part(21GT-21C)	
	LHLDW0003PEKZ	R	ADG Coil Holder	AB
	MSPRT0001PEFJ	R	CRT Spring	AC
⚠ DY601	RCiLHA026WJZZ	R	Deflection Yoke (14GT-16C/14GT-21C)	
⚠ DY601	RCiLHA027WJZZ	R	Deflection Yoke (20GT-21C)	
⚠ DY601	RCiLHA028WJZZ	R	Deflection Yoke (21GT-21C)	
	PMAGF3041CEZZ	R	Magnet (20GT-21C/14GT-16C/ 14GT-21C)	AG
	PMAGF3046CEZZ	R	Magnet(21GT-21C)	AF
⚠ V801	VB34JXV80X/*S	R	Picture Tube (14GT-16C/14GT-21C)	
⚠ V801	VB48LGS20X/*S	R	Picture Tube(20GT-21C)	
⚠ V801	VB51LMV20X/*S	R	Picture Tube(21GT-21C)	

PRINTED WIRING BOARD ASSEMBLIES *(NOT REPLACEMENT ITEM)*

PWB-A	DUNTKA541WED1	-	Main Unit(14GT-16C)	—
PWB-A	DUNTKA541WED0	-	Main Unit(14GT-21C)	—
PWB-A	DUNTKA541WEC5	-	Main Unit(20GT-21C)	—
PWB-A	DUNTKA541WEC9	-	Main Unit(21GT-21C)	—
PWB-B	DUNTKA542WEB5	-	CRT Unit (14GT-16C/14GT-21C)	—
PWB-B	DUNTKA542WEB2	-	CRT Unit(20GT-21C)	—
PWB-B	DUNTKA542WEB4	-	CRT Unit(21GT-21C)	—
PWB-C	DUNTKA543WEA1	-	Headphone Unit (14GT-21C/20GT-21C/ 21GT-21C)	—
PWB-D	DUNTKB232WEA0	-	Mono-Billingual Unit (20GT-21C/21GT-21C)	—

Ref. No.	Part No.	★	Description	Code
DUNTKA541WED1(14GT-16C) DUNTKA541WED0(14GT-21C) DUNTKA541WEC5(20GT-21C) DUNTKA541WEC9(21GT-21C) PWB-A MAIN UNIT				
TUNER				
NOTE: THE PARTS HERES SHOWN ARE SUPPLIED AS AN ASSEMBLY NOT INDEPENDENTLY.				
⚠ TU201	VTUVTST5HD970	R	Tuner	AY
INTEGRATED CIRCUITS				
IC301	VHiAN7523++-1	R	AN7523	AH
⚠ IC501	VHiAN5522++-1	R	AN5522, Vert Out (14GT-16C/14GT-21C)	AH
⚠ IC501	VHiTDA9302H-1	R	TDA9302H, Vert Out (20GT-21C/21GT-21C)	AH
IC601	VHiKA7808AP-1	R	KIA7808API	AE
IC701	VHiSTRG5653-1	R	STR-G5653, Regulator	AQ
IC801	RH-iX3368CEN5	R	TDA9381PS/N2	BE
IC1005	VHiM24C04W/-1	R	M24C04-WBN6	AG
TRANSISTORS				
Q201	VS2SC2735//1E	R	2SC2735	AC
Q253	VS2PD601AR/-1	R	2PD601AR	AB
Q254	VS2PD601AR/-1	R	2PD601AR (14GT-16C/14GT-21C)	AB
Q302	VS2PD601AR/-1	R	2PD601AR (14GT-16C/14GT-21C)	AB
Q321	VS2PD601AR/-1	R	2PD601AR	AB
Q352	VS2PD601AR/-1	R	2PD601AR	AB
Q501	VS2SC3198-G-1	R	2SC3198-G	AA
Q601	VS2SC3207//-1	R	2SC3207, Hoirz Diriver	AC
Q602	VS2SD2586//1E	R	2SD2586, Hoirz Out	AM
Q603	VS2SC3198-G-1	R	2SC3198-G	AA
Q751	VS2SC3198-G-1	R	2SC3198-G, 5V Reg	AA
Q752	VS2SC3198-G-1	R	2SC3198-G, 3.3V Reg	AA
Q801	VS2PB709AR/-1	R	2PB709AR	AB
Q802	VS2PB709AR/-1	R	2PB709AR	AB
Q804	VS2SC2735//1E	R	2SC2735	AC
Q1010	VS2PD601AR/-1	R	2PD601AR	AB
DIODES AND LED				
D201	RH-EX0676GEZZ	R	Zener Diode, 33V	AA
D203	RH-DX0048GEZZ	R	DX0048GE	AA
D301	RH-DX0048GEZZ	R	DX0048GE	AA
D302	RH-DX0048GEZZ	R	DX0048GE	AA
D331	RH-DX0302CEZZ	R	DX0302CE (14GT-16C/14GT-21C)	AC
D332	RH-DX0445CEZZ	R	DX0445CE (20GT-21C/21GT-21C)	AL
D503	RH-DX0048GEZZ	R	DX0048GE	AA
D505	RH-DX0441CEZZ	R	DX0441CE	AC
D506	RH-EX0630GEZZ	R	Zener Diode	AA
D507	RH-DX0048GEZZ	R	DX0048GE	AA
D508	RH-DX0131CEZZ	R	DX0131CE	AC
D509	RH-EX0660GEZZ	R	Zener Diode	AC
D531	RH-EX0627GEZZ	R	Zener Diode, 8.2V	AA
D532	RH-EX0627GEZZ	R	Zener Diode, 8.2V	AA
D601	RH-DX0048GEZZ	R	DX0048GE	AA
D602	VHD1SS244//-1	R	1SS244	AB
D603	RH-EX0667GEZZ	R	Zener Diode, 27V	AA
D604	RH-DX0048GEZZ	R	DX0048GE	AA
D606	RH-DX0131CEZZ	R	DX0131CE	AC
D607	RH-DX0048GEZZ	R	DX0048GE	AA
D608	RH-DX0468CEZZ	R	DX0468CE	AE
D651	RH-EX0627GEZZ	R	Zener Diode, 8.2V	AA
D652	RH-EX0253TAZZ	R	Zener Diode, 3.3V	AC
D653	RH-DX0048GEZZ	R	DX0048GE	AA
D701	RH-DX0111PEZZ	R	DX0111PE	AG
D705	VHD1SS82///1A	R	1SS82	AC
D706	VHD1SS82///1A	R	1SS82	AC
D707	VHD1SS82///1A	R	1SS82	AC
D751	RH-DX0229CEZZ	R	DX0229CE	AF

Ref. No.	Part No.	★	Description	Code
D752	RH-DX0131CEZZ	R	DX0131CE	AC
D754	RH-EX0616GEZZ	R	Zener Diode, 5.6V	AA
D755	RH-EX0603GEZZ	R	Zener Diode, 3.9V	AA
D801	RH-DX0048GEZZ	R	DX0048GE	AA
D802	RH-DX0048GEZZ	R	DX0048GE	AA
D803	RH-DX0048GEZZ	R	DX0048GE	AA
D804	RH-DX0048GEZZ	R	DX0048GE	AA
D805	RH-DX0048GEZZ	R	DX0048GE	AA
D806	RH-DX0048GEZZ	R	DX0048GE	AA
D808	RH-EX0610GEZZ	R	Zener Diode, 4.7V	AA
D1001	RH-PX0013PEZZ	R	PhotoDiode	AC
D1003	RH-DX0048GEZZ	R	DX0048GE	AA
D1004	RH-DX0048GEZZ	R	DX0048GE	AA
D1007	RH-EX0263TAZZ	R	Zener Diode	AB
D1012	RH-EX0611GEZZ	R	Zener Diode, 5.1V	AA
D1018	RH-EX0263TAZZ	R	Zener Diode, 8.3V	AB
D1019	RH-EX0263TAZZ	R	Zener Diode, 8.3V	AB
D1024	RH-DX0048GEZZ	R	DX0048GE	AA
VA701	RH-VX0073CEZZ	R	Varistor	AD
			PACKAGED CIRCUITS	
PR701	RMPTP0001PEZZ	R	Packaged Circuit (20GT-21C/21GT-21C)	AN
PR702	RMPTP0028CEZZ	R	Packaged Circuit (14GT-16C/14GT-21C)	AG
X1001	RCRSB0300CEZZ	R	Crystal, CRSB0300CE	AF
			COILS	
CF253	RFiLC0335CEZZ	R	Filter	
CF3300	RFiLC0338CEZZ	R	Filter (20GT-21C/21GT-21C)	AG
SF201	RFiLC0442CEZZ	R	Filter	AL
			FILTERS	
L202	VP-DF270K0000	R	Peaking, 27µH	AB
L203	VP-DF270K0000	R	Peaking, 27µH	AB
L204	VP-XF1R2K0000	R	Peaking, 1.2µH	AB
L253	VP-XF100K0000	R	Peaking, 10µH	AB
⚠ L701	RCiLF0096PEZZ	R	Coil, CiLF0096PE	AF
L751	RCiLP0225CEZZ	R	Coil, CiLP0225CE	AF
L802	VP-DF100K0000	R	Peaking, 10µH	AB
L803	VP-DF100K0000	R	Peaking, 10µH	AB
L1030	VP-DF100K0000	R	Peaking, 10µH	AB
L1050	VP-DF100K0000	R	Peaking, 10µH	AB
L1051	VP-DF100K0000	R	Peaking, 10µH	AB
L3300	VP-DF1R0K0000	R	Peaking, 1µH (20GT-21C/21GT-21C)	AB
L3301	VP-DF1R0K0000	R	Peaking, 1µH (20GT-21C/21GT-21C)	AB
			TRANSFORMERS	
⚠ T601	RTRNZ0144PEZZ	R	Transformer	AE
⚠ T602	RTRNF0228PEZZ	R	H-Volt Transformer (14GT-16C/14GT-21C)	AX
⚠ T602	RTRNF0229PEZZ	R	H-Volt Transformer (20GT-21C/21GT-21C)	AY
⚠ T701	RTRNW0015PEZZ	R	Transformer	AL
			CAPACITORS	
C201	VCEA0A1CW476M	R	47 16V Electrolytic	AB
C202	VCEA0A1AW337M+	R	330 10V Electrolytic	
C203	VCKYCY1HF103Z	R	0.01 50V Ceramic	AA
C204	VCEA0A0JW477M	R	470 6.3V Electrolytic	AC
C205	VCKYCY1HF103Z	R	0.01 50V Ceramic	AA
C206	VCEA0A1HW106M	R	10 50V Electrolytic	AB
C207	VCKYCY1HF103Z	R	0.01 50V Ceramic	AA
C208	VCKYCY1HF103Z	R	0.01 50V Ceramic	AA
C209	VCKYCY1HF103Z	R	0.01 50V Ceramic	AA
C210	VCKYCY1HF103Z	R	0.01 50V Ceramic	AA
C231	VCKYCY1HF223Z	R	0.022 50V Ceramic	AB
C232	VCKYCY1HB821K	R	820p 50V Ceramic	AA
C233	VCKYCY1HB472K	R	4700p 50V Ceramic	AA
C234	VCKYCY1EF104Z	R	0.1 25V Ceramic	AA
C251	VCKYCY1HF223Z	R	0.022 50V Ceramic	AB
C252	VCEA0A1CW107M	R	100 16V Electrolytic	AC

Ref. No.	Part No.	★	Description	Code
C301	VCEA0A1CW477M	R	470 16V Electrolytic	AC
C304	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C306	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C310	VCEA0A1HW105M	R	1 50V Electrolytic	AB
C311	VCEA0A1HW105M	R	1 50V Electrolytic	AB
C312	VCEA0A1HW224M	R	0.22 50V Electrolytic	AB
C316	VCEA0A1CW107M	R	100 16V Electrolytic (14GT-21C/20GT-21C/ 21GT-21C)	AC
C331	VCKYPA2HB102K	R	1000p 500V Ceramic	AA
C332	VCQYTA1HM103J	R	0.01 50V Mylar	AA
C333	VCEA0A1CW108M	R	1000 16V Electrolytic	AD
C352	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C354	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C356	VCKYCY1HB472K	R	4700p 50V Ceramic	AA
C359	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C360	VCE9GA1HW225M	R	2.2 50V Electrolytic	AB
C409	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C410	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C411	VCKYCY1HB102K	R	1000p 50V Ceramic	AA
C412	VCEA0A1CW477M	R	470 16V Electrolytic	AC
C501	VCKYPA1HB102K	R	1000p 50V Ceramic	AA
C504	VCKYCY1HB103K	R	0.01 50V Ceramic	AA
C505	VCEA0A1HW107M	R	100 50V Electrolytic	AB
C507	VCKYCY1HB103K	R	0.01 50V Ceramic	AA
C508	VCFYSA1JB224J+	R	0.22 63V Metallized Polyester Film	
C509	VCEA0A1CW477M	R	470 16V Electrolytic	AC
C510	VCKYPA2HB102K	R	1000p 500V Ceramic	AA
C514	VCFYSA1JB473J	R	0.047 63V Metallized Polyester Film (20GT-21C/21GT-21C)	AC
C514	VCFYSA1JB563J+	R	0.056 63V Metallized Polyester Film (14GT-16C/14GT-21C)	
C529	VCKYCY1CB823K	R	0.082 16V Ceramic	AH
C531	VCKYCY1HB102K	R	1000p 50V Ceramic	AA
C532	VCKYCY1HB102K	R	1000p 50V Ceramic	AA
C533	VCQYTA1HM104J	R	0.1 50V Mylar	AA
C601	VCQYTA1HM563J	R	0.056 50V Mylar	AB
C602	VCEA0A1HW475M	R	4.7 50V Electrolytic	AB
C603	VCEA0A1HW105M	R	1 50V Electrolytic	AB
C604	VCEA0A2EW106M	R	10 250V Electrolytic	AD
C605	VCKYPA2HB102K	R	1000p 500V Ceramic	AA
C606	VCFPFA2EB334J	R	0.33 250V Metallized Polypro Film (14GT-16C/14GT-21C)	AD
C606	VCFPVC2DB474J	R	0.47 200V Metallized Polypro Film (20GT-21C/21GT-21C)	AE
C607	VCFPVC3ZA532H	R	5300p 1800V Metallized Polypro Film (14GT-16C/14GT-21C)	AD
C607	VCFPVC3CA702H	R	7000p 1600V Metallized Polypro Film (20GT-21C)	
C607	VCFPVC3CA802H	R	8000p 1600V Metallized Polypro Film (21GT-21C)	
C608	VCKYPA2HB102K	R	1000p 500V Ceramic	AA
C610	VCEA0A1CW108M	R	1000 16V Electrolytic	AD
C611	VCEA0A1EW476M	R	47 25V Electrolytic	AB
C612	VCEA0A1CW477M	R	470 16V Electrolytic	AC
C620	VCKYPA2HB102K	R	1000p 500V Ceramic	AA
⚠ C640	VCFYSB2EB823J	R	0.082 250V M.Polyester	AD
C651	VCQYTA1HM222J	R	2200p 50V Mylar	AA
C652	VCQYTA1HM472J	R	4700p 50V Mylar	AB
C653	VCEA0A1HW105M	R	1 50V Electrolytic	AB
C654	VCKYCY1HF223Z	R	0.022 50V Ceramic	AB
C655	VCEA0A1HW106M	R	10 50V Electrolytic	AB
C656	VCEA0A1HW474M	R	0.47 50V Electrolytic	AB
C657	VCKYCY1EF104Z	R	0.1 25V Ceramic	AA
C658	VCKYCY1EF104Z	R	0.1 25V Ceramic	AA
C701	RC-FZA018WJZZ	R	0.1 275V Metallized Polyester Film	AD
C702	RC-KZ0029CEZZ	R	0.01 250V Ceramic	AC
C703	RC-KZ0029CEZZ	R	0.01 250V Ceramic	AC

Ref. No.	Part No.	★	Description	Code
C704	RC-KZ0029CEZZ	R	0.01 250V Ceramic	AC
C705	RC-EZ1046CEZZ	R	220 400V Electrolytic (20GT-21C/21GT-21C)	AN
C705	RC-EZ1286CEZZ	R	150 400V Electrolytic (14GT-16C/14GT-21C)	AT
C709	RC-KZ0039CEZZ	R	680p 2kV Ceramic	AB
C710	VCEA0A1HW476M	R	47 50V Electrolytic	AB
C711	VCKYPA1HB102K	R	1000p 50V Ceramic	AA
C712	VCKYPA1HB471K	R	470p 50V Ceramic	AA
⚠ C751	RC-KZ0102GEZZ	R	680p AC250V Ceramic	AE
C752	VCKYPH3DB561K	R	560p 2000V Ceramic	AC
C753	RC-EZ0724CEZZ	R	100 160V Electrolytic	AG
C754	RC-EZ0638CEZZ	R	33 160V Electrolytic	AG
C755	VCEA0A1CW108M	R	1000 16V Electrolytic	AD
C756	VCQYTA1HM103J	R	0.01 50V Mylar	AA
C759	VCEA0A0JW477M	R	470 6.3V Electrolytic	AC
C760	VCEA0A0JW228M	R	2200 6.3V Electrolytic	AD
C801	VCEA0A1HW105M	R	1 50V Electrolytic	AB
C803	VCEA0A1CW107M	R	100 16V Electrolytic	AC
C804	VCKYCY1HB222K	R	2200p 50V Ceramic	AA
C805	VCKYD41HB102K	R	1000p 50V Ceramic	AA
C806	VCKYD41HB102K	R	1000p 50V Ceramic	AA
C807	VCKYD41HB102K	R	1000p 50V Ceramic	AA
C808	VCEA0A1CW107M	R	100 16V Electrolytic	AC
C809	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C810	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C811	VCEA0A1CW107M	R	100 16V Electrolytic	AC
C812	VCFYFA1HA224J	R	0.22 50V Mylar	AB
C813	VCFYFA1HA224J	R	0.22 50V Mylar	AB
C814	VCKYCY1HB471K	R	470p 50V Ceramic	AA
C816	VCKYCY1HB471K	R	470p 50V Ceramic	AA
C1001	VCEA0A0JW107M	R	100 6.3V Electrolytic	AB
C1002	VCEA0A0JW107M	R	100 6.3V Electrolytic	AB
C1003	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C1004	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C1005	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C1006	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C1008	VCCCCY1HH330J	R	33p 50V Ceramic	AA
C1009	VCCCCY1HH330J	R	33p 50V Ceramic	AA
C1010	VCEA0A0JW107M	R	100 6.3V Electrolytic	AB
C1011	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C1012	VCKYCY1CF474Z	R	0.47 16V Ceramic	AB
C1013	VCEA0A0JW107M	R	100 6.3V Electrolytic	AB
C1014	VCEA0A1CW106M	R	10 16V Electrolytic	AB
C1016	VCQYTA1HM104J	R	0.1 50V Mylar	AA
C1018	VCKYCY1HB221K	R	220p 50V Ceramic	AA
C1019	VCEA0A1HW225M	R	2.2 50V Electrolytic	AB
C1024	VCQYTA1HM104J	R	0.1 50V Metallized Polyester Film	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
RJ2	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ4	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ8	VRS-CY1JF000J	R	0 1/16W Metal Oxide (14GT-16C)	AA
RJ9	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ10	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ13	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ14	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ15	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ16	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ17	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ19	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ21	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ24	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ26	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ28	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ32	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ33	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ35	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ37	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ38	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ41	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ42	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ43	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ46	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ48	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ49	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ51	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ52	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ53	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ56	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ57	VRS-CY1JF000J	R	0 1/16W Metal Oxide (14GT-16C)	AA
RJ58	VRS-CY1JF000J	R	0 1/16W Metal Oxide (14GT-16C)	AA
RJ71	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ73	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ75	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ76	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ77	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ78	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ80	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ81	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ82	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ83	VRS-CY1JF000J	R	0 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
RJ84	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ85	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ86	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ87	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ88	VRS-CY1JF000J	R	0 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
RJ89	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R201	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R202	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R205	VRS-CY1JF680J	R	68 1/16W Metal Oxide	AA
R206	VRS-CY1JF122J	R	1.2k 1/16W Metal Oxide	AA
R207	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R208	VRS-CY1JF122J	R	1.2k 1/16W Metal Oxide	AA
R209	VRS-CY1JF392J	R	3.9k 1/16W Metal Oxide	AA
R216	VRS-VV3LB223J	R	22k 3W Metal Oxide	AB
R219	VRD-RA2BE392J	R	3.9k 1/8W Carbon	AA
R220	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R230	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
R231	VRD-RA2BE681J	R	680 1/8W Carbon	AA
R232	VRS-CY1JF272J	R	2.7k 1/16W Metal Oxide	AA
R233	VRS-CY1JF102J	R	1k 1/16W Metal Oxide	AA
R234	VRS-CY1JF391J	R	390 1/16W Metal Oxide	AA
R257	VRS-CY1JF181J	R	180 1/16W Metal Oxide	AA
R258	VRS-CY1JF151J	R	150 1/16W Metal Oxide	AA
R259	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R259	VRS-CY1JF560J	R	56 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R260	VRS-CY1JF223J	R	22k 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R261	VRS-CY1JF223J	R	22k 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R262	VRS-CY1JF560J	R	56 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R262	VRS-CY1JF561J	R	560 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R263	VRS-CY1JF560J	R	56 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R263	VRS-CY1JF561J	R	560 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R301	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R302	VRS-CY1JF101J	R	100 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R303	VRS-CY1JF561J	R	560 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R304	VRS-CY1JF100J	R	10 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R305	VRS-CY1JF274J	R	270k 1/16W Metal Oxide	AA
R310	VRS-CY1JF473J	R	47k 1/16W Metal Oxide	AA
R311	VRS-CY1JF473J	R	47k 1/16W Metal Oxide	AA
R313	VRS-CY1JF102J	R	1k 1/16W Metal Oxide	AA
R314	VRS-CY1JF472J	R	4.7k 1/16W Metal Oxide	AA
R315	VRS-CY1JF272J	R	2.7k 1/16W Metal Oxide	AA
R316	VRS-CY1JF272J	R	2.7k 1/16W Metal Oxide	AA
R318	VRD-RA2BE680J	R	68 1/8W Carbon (14GT-21C/20GT-21C/ 21GT-21C)	AA
R333	VRS-CY1JF101J	R	100 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R334	VRS-CY1JF332J	R	3.3k 1/16W Metal Oxide	AA
R335	VRS-CY1JF564J	R	560k 1/16W Metal Oxide	AA
R352	VRS-CY1JF681J	R	680 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R353	VRS-CY1JF681J	R	680 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R359	VRS-CY1JF103J	R	10k 1/16W Metal Oxide	AA
R360	VRS-CY1JF103J	R	10k 1/16W Metal Oxide	AA
R361	VRS-CY1JF104J	R	100k 1/16W Metal Oxide	AA
R364	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
R366	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
R430	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R431	VRS-CY1JF101J	R	100 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R432	VRS-CY1JF820J	R	82 1/16W Metal Oxide	AA
R458	VRS-CY1JF103J	R	10k 1/16W Metal Oxide	AA
R459	VRD-RA2BE680J	R	68 1/8W Carbon	AA
R501	VRD-RA2BE222J	R	2.2k 1/8W Carbon (20GT-21C)	AA
R501	VRD-RA2BE272J	R	2.7k 1/8W Carbon (14GT-16C/14GT-21C)	AA
R501	VRD-RA2BE562J	R	5.6k 1/8W Carbon (21GT-21C)	AA
R502	VRD-RM2HD102J	R	1k 1/2W Carbon	AA
R503	VRN-VV3AB2R2J	R	2.2 1W Metal Film (20GT-21C/21GT-21C)	AA
R503	VRN-VV3AB2R7J	R	2.7 1W Metal Film (14GT-16C/14GT-21C)	AA
R504	VRS-CY1JF181J	R	180 1/16W Metal Oxide	AA
R505	VRS-CY1JF102J	R	1k 1/16W Metal Oxide	AA
R506	VRS-VV3AB331J	R	330 1W Metal Oxide (14GT-16C/14GT-21C)	AA
R506	VRS-VV3AB391J	R	390 1W Metal Oxide (20GT-21C/21GT-21C)	AA
R507	VRN-VV3AB1R0J	R	1 1W Metal Film	AA
R508	VRD-RA2BE153J	R	15k 1/8W Carbon	AA
R509	VRD-RA2BE153J	R	15k 1/8W Carbon	AA
R511	VRS-CY1JF181J	R	180 1/16W Metal Oxide	AA
R512	VRD-RM2HD5R6J	R	5.6 1/2W Carbon (21GT-21C/14GT-16C/ 14GT-21C)	AA
R512	VRD-RM2HD100J	R	10 1/2W Carbon (20GT-21C)	AA
R521	VRD-RA2BE333J	R	33k 1/8W Carbon (14GT-16C/14GT-21C)	AA
R521	VRD-RA2BE562J	R	5.6k 1/8W Carbon (21GT-21C)	AA
R529	VRD-RA2BE223J	R	22k 1/8W Carbon	AA
R530	VRS-CY1JF334J	R	330k 1/16W Metal Oxide	AA
R531	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R532	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R533	VRD-RA2BE393J	R	39k 1/8W Carbon	AA
R601	VRS-SV2HC102J	R	1k 1/2W Metal Oxide	AA
R602	VRD-RA2BE393J	R	39k 1/8W Carbon	AA
R603	VRD-RA2BE223J	R	22k 1/8W Carbon (20GT-21C/21GT-21C)	AA
R603	VRD-RA2BE273J	R	27k 1/8W Carbon (14GT-16C/14GT-21C)	AA
R604	VRD-RA2BE393J	R	39k 1/8W Carbon (20GT-21C/21GT-21C)	AA
R604	VRD-RA2BE563J	R	56k 1/8W Carbon (14GT-16C/14GT-21C)	AA
R605	VRD-RM2HD124J	R	120k 1/2W Carbon (14GT-16C/14GT-21C)	AA
R605	VRD-RM2HD823J	R	82k 1/2W Carbon (20GT-21C/21GT-21C)	AA
R606	VRN-VV3AB1R5J	R	1.5 1W Metal Film (14GT-16C/14GT-21C)	AA
R606	VRN-VV3DB1R2J	R	1.2 2W Metal Film (21GT-21C)	AA
R606	VRN-VV3DB2R2J	R	2.2 2W Metal Film (20GT-21C)	AB
R607	VRD-RM2HD270J	R	27 1/2W Carbon	AA
R609	VRD-RA2BE154J	R	150k 1/8W Carbon	AA
R610	VRD-RA2BE102G	R	1k 1/8W Carbon	AB
R611	VRS-CY1JF102J	R	1k 1/16W Metal Oxide	AA
R612	VRS-CY1JF123J	R	12k 1/16W Metal Oxide	AA
R613	VRS-CY1JF103J	R	10k 1/16W Metal Oxide	AA
R614	VRS-SV2HC100J	R	10 1/2W Metal Oxide (20GT-21C/21GT-21C)	AA
R614	VRS-SV2HC150J	R	15 1/2W Metal Oxide (14GT-16C/14GT-21C)	AA
R615	VRS-VV3DB682J	R	6.8k 2W Metal Oxide	AA
R616	VRN-VV3ABR47J	R	0.47 1W Metal Film	AA
R618	VRS-VV3DB391J	R	390 2W Metal Oxide	AA
R619	VRS-VV3LB103J	R	10k 3W Metal Oxide (14GT-16C/14GT-21C)	AB
R619	VRS-VV3LB562J	R	5.6k 3W Metal Oxide (20GT-21C/21GT-21C)	AB
R620	VRS-VV3AB472J	R	4.7k 1W Metal Oxide	AA
R622	VRD-RA2BE102J	R	1k 1/8W Carbon	AA
R623	VRD-RM2HD184J	R	180k 1/2W Carbon	AA
R624	VRS-CY1JF472J	R	4.7k 1/16W Metal Oxide	AA
R625	VRN-VV3DB4R7J	R	4.7 2W Metal Film (20GT-21C/21GT-21C)	AB
R625	VRN-VV3DB8R2J	R	8.2 2W Metal Film (14GT-16C/14GT-21C)	AB
R626	VRD-RM2HD470J	R	47 1/2W Carbon	AA
R633	VRD-RA2BE333J	R	33k 1/8W Carbon	AA
R634	VRD-RA2BE103J	R	10k 1/8W Carbon	AA
R641	VRN-SV2HCR47J	R	0.47 1/2W Metal Film	AA
R651	VRS-CY1JF223J	R	22k 1/16W Metal Oxide	AA
R652	VRS-CY1JF102J	R	1k 1/16W Metal Oxide	AA
R653	VRS-CY1JF822J	R	8.2k 1/16W Metal Oxide	AA
R654	VRS-CY1JF273J	R	27k 1/16W Metal Oxide	AA
R655	VRS-CY1JF391J	R	390 1/16W Metal Oxide	AA
R656	VRS-CY1JF100J	R	10 1/16W Metal Oxide	AA
R658	VRD-RA2BE101J	R	100 1/8W Carbon	AB
R663	VRD-RA2BE101J	R	100 1/8W Carbon	AB
R701	VRW-KQ3NC3R9K	R	3.9 7W Cement	AE
R704	VRN-SV2HC1R0J	R	1 1/2W Metal Film (20GT-21C/21GT-21C)	AA
R707	VRS-VV3DB104J	R	100k 2W Metal Oxide	AB
R708	VRD-RA2BE681J	R	680 1/8W Carbon	AA
R709	VRN-VV3DBR47J	R	0.47 2W Metal Film	AB
R710	VRN-VV3DBR39J	R	0.39 2W Metal Film (20GT-21C/21GT-21C)	AA
R710	VRN-VV3DBR56J	R	0.56 2W Metal Film (14GT-16C/14GT-21C)	AA
R711	VRD-RA2BE682J	R	6.8k 1/8W Carbon	AA
R712	VRD-RA2BE152J	R	1.5k 1/8W Carbon	AA
R716	VRD-RA2BE562J	R	5.6k 1/8W Carbon	AA
⚠ R751	VRC-UA2HG825K	R	8.2M 1/2W Solid	AA
⚠ R752	VRC-UA2HG825K	R	8.2M 1/2W Solid	AA
R753	VRD-RM2HD124J	R	120k 1/2W Carbon	AA
R754	VRD-RM2HD150J	R	15 1/2W Carbon	AA
R755	VRD-RA2BE221J	R	220 1/8W Carbon	AA
R756	VRD-RM2HD220J	R	22 1/2W Carbon (20GT-21C/21GT-21C)	AA
R756	VRD-RM2HD270J	R	27 1/2W Carbon (14GT-16C/14GT-21C)	AA
R757	VRS-CY1JF151J	R	150 1/16W Metal Oxide (14GT-16C/14GT-21C)	AA
R757	VRS-CY1JF331J	R	330 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R765	VRS-CY1JF331J	R	330 1/16W Metal Oxide	AA
R801	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R802	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R803	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R804	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R805	VRS-CY1JF822J	R	8.2k 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R806	VRS-CY1JF123J	R	12k 1/16W Metal Oxide	AA
R807	VRS-CY1JF103J	R	10k 1/16W Metal Oxide	AA
R808	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R809	VRD-RA2BE224J	R	220k 1/8W Carbon	AA
R812	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R813	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R1001	VRS-CY1JF221J	R	220 1/16W Metal Oxide	AA
R1002	VRS-CY1JF331J	R	330 1/16W Metal Oxide	AA
R1003	VRS-CY1JF471J	R	470 1/16W Metal Oxide	AA
R1004	VRS-CY1JF821J	R	820 1/16W Metal Oxide	AA
R1005	VRS-CY1JF181J	R	180 1/16W Metal Oxide	AA
R1011	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1012	VRD-RA2BE271J	R	270 1/8W Carbon	AA
R1013	VRD-RA2BE101J	R	100 1/8W Carbon	AB
R1014	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1015	VRS-CY1JF332J	R	3.3k 1/16W Metal Oxide	AA
R1016	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1017	VRS-CY1JF332J	R	3.3k 1/16W Metal Oxide	AA
R1019	VRS-CY1JF392J	R	3.9k 1/16W Metal Oxide	AA
R1020	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1021	VRS-CY1JF153J	R	15k 1/16W Metal Oxide	AA
R1022	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1023	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1024	VRS-CY1JF122J	R	1.2k 1/16W Metal Oxide	AA
R1025	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1026	VRS-CY1JF224J	R	220k 1/16W Metal Oxide	AA
R1028	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1030	VRS-CY1JF102J	R	1k 1/16W Metal Oxide	AA
R1031	VRD-RA2BE562J	R	5.6k 1/8W Carbon	AA
R1032	VRS-CY1JF332J	R	3.3k 1/16W Metal Oxide	AA
R1034	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1035	VRS-CY1JF332J	R	3.3k 1/16W Metal Oxide	AA
R1036	VRS-CY1JF332J	R	3.3k 1/16W Metal Oxide	AA
R1037	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1038	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1039	VRS-CY1JF223J	R	22k 1/16W Metal Oxide	AA
R1040	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1041	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1042	VRD-RA2BE101J	R	100 1/8W Carbon	AB
R1046	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1048	VRS-CY1JF102J	R	1k 1/16W Metal Oxide	AA
R1050	VRS-CY1JF392J	R	3.9k 1/16W Metal Oxide	AA
R1051	VRS-CY1JF683J	R	68k 1/16W Metal Oxide	AA
R1072	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA
R1073	VRS-CY1JF101J	R	100 1/16W Metal Oxide	AA

BALUNE

FB601	RBLN-0091GEZZ	R	Balun, BLN-0091GE	AB

SWITCHES

⚠ S702	QSW-P0591CEZZ	R	Switch	AQ
S1001	QSW-K0003AJZZ	R	Switch, CH Up	AB
S1002	QSW-K0003AJZZ	R	Switch, CH Down	AB
S1003	QSW-K0003AJZZ	R	Switch, VOL Up	AB
S1004	QSW-K0003AJZZ	R	Switch, VOL Down	AB
S1005	QSW-K0003AJZZ	R	Switch, Picture/Preset	AB

MISCELLANEOUS PARTS

⚠ ACC701	QACCZ3008KJSA	R	AC Cord	
⚠ F701	QFS-C3229CEZZ	R	Fuse, T3. 15A 250V	AD
⚠ FH701	QFSHD1013CEZZ	R	Fuse Holder	AC
⚠ FH702	QFSHD1014CEZZ	R	Fuse Holder	AC
J402	QJAKE0210CE04	R	Jack, 3Pin (14GT-21C/20GT-21C/ 21GT-21C)	AC
J403	QJAKE0210CE09	R	Jack, 3Pin (14GT-21C/20GT-21C/ 21GT-21C)	AC
J409	QJAKH0044AJZZ	R	Jack, 12Pin	AE
P302	QPLGN0241CEZZ	R	Plug, 2Pin (14GT-16C/14GT-21C)	AA
P302	QPLGN0461CEZZ	R	Plug, 4Pin (20GT-21C/21GT-21C)	AB
P303	QPLGN0461CEZZ	R	Plug, 4Pin(14GT-21C)	AB
P303	QPLGN0561CEZZ	R	Plug, 4Pin (20GT-21C/21GT-21C)	AB
P601	QPLGN0660CEZZ	R	Plug, 6Pin	AC
P602	LHLDW1104PEZZ	R	Holder	AB
P603	QPLGN0341CEZZ	R	Plug, 3Pin	AA
P701	QPLGN0260CEZZ	R	Plug, 2Pin	AC
P702	QPLGN0269GEZZ	R	Plug, 2Pin	AB
P1001	LHLDW1105PEZZ	R	Holder	AB
P1002	QPLGN0561CEZZ	R	Plug, 5Pin	AB
RDA301	PRDAR0341PEFW	R	Heat Sink, IC301 (14GT-16C/14GT-21C)	AD
RDA302	PRDAR0340PEFW	R	Heat Sink, IC301 (20GT-21C/21GT-21C)	AE
RDA501	PRDAR0118GJFW	R	Heat Sink, IC501	AD
RDA602	PRDAR0224PEFW	R	Heat Sink, Q602 (20GT-21C/21GT-21C)	AF
RDA701	PRDAR0298PEFW	R	Heat Sink, IC701	AF
RMC1001	RRMCU0222CEZZ	R	Remote Receiver	AL
TP201	QLUGP0102PEZZ	R	Lug	AA
	LHLDP1066PE00	R	Holder	AC

DUNTKA542WEB5(14GT-16C/14GT-21C)
DUNTKA542WEB2(20GT-21C)
DUNTKA542WEB4(21GT-21C)
PWB-B CRT UNIT

TRANSISTORS

Q870	RH-TX0110BMZZ+	R	TX0110BM
Q871	RH-TX0110BMZZ+	R	TX0110BM
Q872	RH-TX0110BMZZ+	R	TX0110BM
Q883	RH-TX0124BMZZ+	R	TX0124BM
Q885	RH-TX0124BMZZ+	R	TX0124BM
Q887	RH-TX0124BMZZ+	R	TX0124BM

DIODES

D881	VHD1SS244//-1	R	1SS244	AB
D882	VHD1SS244//-1	R	1SS244	AB
D883	VHD1SS244//-1	R	1SS244	AB
D884	RH-DX0048GEZZ	R	DX0048GE	AA
D885	RH-DX0048GEZZ	R	DX0048GE	AA
D886	VHD1SS82///1A	R	1SS82	AC
D887	VHD1SS82///1A	R	1SS82	AC
D888	VHD1SS82///1A	R	1SS82	AC

CAPACITORS

C871	VCCCCY1HH471J	R	470p	50V	Ceramic	AA
C872	VCCCCY1HH471J	R	470p	50V	Ceramic	AA
C873	VCCCCY1HH471J	R	470p	50V	Ceramic	AA
C875	VCKYPA2HB102K	R	1000p	500V	Ceramic	AA
C876	RC-KZ0150CEZZ	R	1000p	3kV	Ceramic	AB
C878	VCEA0A2EW106M	R	10	250V	Electrolytic	AD
C880	VCCCCY1HH471J	R	470p	50V	Ceramic	AA
C881	VCKYPA1HB471K	R	470p	50V	Ceramic	AA
C882	VCKYPA1HB471K	R	470p	50V	Ceramic	AA
C886	VCKYPA2HB102K	R	1000p	500V	Ceramic	AA

RESISTORS

R879	VRS-CY1JF471J	R	470	1/16W	Metal Oxide	AA
R880	VRS-CY1JF471J	R	470	1/16W	Metal Oxide	AA
R881	VRS-CY1JF471J	R	470	1/16W	Metal Oxide	AA
R882	VRS-VV3DB153J	R	15k	2W	Metal Oxide	AA
R883	VRD-RM2HD272J	R	2.7k	1/2W	Carbon	AA
R884	VRS-VV3DB153J	R	15k	2W	Metal Oxide	AA
R885	VRD-RM2HD272J	R	2.7k	1/2W	Carbon	AA
R886	VRS-VV3DB153J	R	15k	2W	Metal Oxide	AA
R887	VRD-RM2HD272J	R	2.7k	1/2W	Carbon	AA
R888	VRS-CY1JF471J	R	470	1/16W	Metal Oxide (20GT-21C/14GT-16C/ 14GT-21C)	AA
R892	VRS-CY1JF102J	R	1k	1/16W	Metal Oxide	AA
R893	VRS-CY1JF102J	R	1k	1/16W	Metal Oxide	AA
R894	VRS-CY1JF102J	R	1k	1/16W	Metal Oxide	AA
R895	VRS-CY1JF471J	R	470	1/16W	Metal Oxide (21GT-21C)	AA

Ref. No.	Part No.	★	Description	Code
R896	VRS-CY1JF471J	R	470 1/16W Metal Oxide (21GT-21C)	AA
R898	VRS-CY1JF471J	R	470 1/16W Metal Oxide (20GT-21C/14GT-16C/ 14GT-21C)	AA
R899	VRS-CY1JF471J	R	470 1/16W Metal Oxide	AA
			MISCELLANEOUS PARTS	
⚠ SC881	QSOCV0017PEZZ	R	Socket, 9Pin (14GT-16C/14GT-21C)	AF
⚠ SC881	QSOCVA001WJZZ	R	Socket, 9Pin(20GT-21C)	
⚠ SC883	QSOCV0016PEZZ	R	Socket 11Pin(21GT-21C)	AF
P882	LHLDW1105PEZZ	R	Holder, 5Pin	AB
P884	LHLDW1104PEZZ	R	Holder, 4Pin	AB

DUNTKA543WEA1
PWB-C HEADPNONE UNIT

RESISTORS

R370	VRS-CY1JF471J	R	470 1/16W Metal Oxide	AA
R371	VRS-CY1JF471J	R	470 1/16W Metal Oxide	AA
RJ60	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ61	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA
RJ62	VRS-CY1JF000J	R	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

J351	QJAKJ0101SEZZ	R	Jack, 7Pin	AE
P351	QPLGN0461CEZZ	R	Plug, 4Pin	AB

DUNTKB232WEA0
PWB-D MONO-BILLINGUAL UNIT

INTEGRATED CIRCUITS

IC3300	VHiTDA9821/-1	R	I.C. (20GT-21C/21GT-21C)	AR
IC3301	VHiM52797SP-1	R	M52797SP (20GT-21C/21GT-21C)	AP

TRANSISTORS

Q3300	VS2PD601AR/-1	R	2PD601AR (20GT-21C/21GT-21C)	AB
Q3301	VS2PD601AR/-1	R	2PD601AR (20GT-21C/21GT-21C)	AB
Q3303	VS2PD601AR/-1	R	2PD601AR (20GT-21C/21GT-21C)	AB

CAPACITORS

C3300	VCEA0A1HW225M	R	2.2 50V Electrolytic (20GT-21C/21GT-21C)	AB
C3301	VCEA0A1HW225M	R	2.2 50V Electrolytic (20GT-21C/21GT-21C)	AB
C3302	VCEA0A1HW225M	R	2.2 50V Electrolytic (20GT-21C/21GT-21C)	AB
C3303	VCEA0A1HW225M	R	2.2 50V Electrolytic (20GT-21C/21GT-21C)	AB
C3304	VCEA0A1CW107M	R	100 16V Electrolytic (20GT-21C/21GT-21C)	AC
C3305	VCKYCY1HF223Z	R	0.022 50V Ceramic (20GT-21C/21GT-21C)	AB
C3306	VCKYPA1HB222K	R	2200p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3307	VCKYCY1HB223K	R	0.022 50V Ceramic (20GT-21C/21GT-21C)	AB
C3308	VCKYPA1HF103Z	R	0.01 50V Ceramic (20GT-21C/21GT-21C)	AA
C3309	VCQYTA1HM102J	R	1000p 50V Mylar (20GT-21C/21GT-21C)	AA
C3310	VCEA0A1CW106M	R	10 16V Electrolytic (20GT-21C/21GT-21C)	AB
C3311	VCKYCY1HB102K	R	1000p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3312	VCCCCY1HH221J	R	220p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3313	VCCCCY1HH221J	R	220p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3314	VCEA0A1CW107M	R	100 16V Electrolytic (20GT-21C/21GT-21C)	AC
C3315	VCKYCY1HF103Z	R	0.01 50V Ceramic (20GT-21C/21GT-21C)	AA
C3316	VCEA0A1CW107M	R	100 16V Electrolytic (20GT-21C/21GT-21C)	AC
C3317	VCEA0A1CW106M	R	10 16V Electrolytic (20GT-21C/21GT-21C)	AB
C3318	VCEA0A1CW106M	R	10 16V Electrolytic (20GT-21C/21GT-21C)	AB
C3319	VCEA0A1CW106M	R	10 16V Electrolytic (20GT-21C/21GT-21C)	AB
C3320	VCKYCY1HB102K	R	1000p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3321	VCKYCY1HB102K	R	1000p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3322	VCEA0A1CW106M	R	10 16V Electrolytic (20GT-21C/21GT-21C)	AB
C3323	VCKYCY1HB102K	R	1000p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3324	VCKYCY1HF103Z	R	0.01 50V Ceramic (20GT-21C/21GT-21C)	AA
C3325	VCEA0A1CW226M	R	22 16V Electrolytic (20GT-21C/21GT-21C)	AB
C3326	VCEA0A1HW106M	R	10 50V Electrolytic (20GT-21C/21GT-21C)	AB
C3327	VCEA0A1CW106M	R	10 16V Electrolytic (20GT-21C/21GT-21C)	AB
C3328	VCKYCY1HB102K	R	1000p 50V Ceramic (20GT-21C/21GT-21C)	AA
C3330	VCEA0A1CW106M	R	10 16V Electrolytic (20GT-21C/21GT-21C)	AB

RESISTORS

RJ3301	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ3307	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ3309	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ3312	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
RJ3314	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3300	VRS-CY1JF122J	R	1.2k 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3301	VRS-CY1JF122J	R	1.2k 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3302	VRS-CY1JF273J	R	27k 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3303	VRS-CY1JF153J	R	15k 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3304	VRS-CY1JF561J	R	560 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3305	VRD-RA2BE101J	R	100 1/8W Carbon (20GT-21C/21GT-21C)	AB
R3306	VRS-CY1JF101J	R	100 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3307	VRD-RA2BE561J	R	560 1/8W Carbon (20GT-21C/21GT-21C)	AA
R3308	VRS-CY1JF102J	R	1k 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3309	VRS-CY1JF101J	R	100 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3310	VRS-CY1JF101J	R	100 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3311	VRD-RA2EE680J	R	68 1/4W Carbon (20GT-21C/21GT-21C)	AA
R3312	VRD-RA2EE680J	R	68 1/4W Carbon (20GT-21C/21GT-21C)	AA
R3313	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3314	VRS-CY1JF102J	R	1k 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA

Ref. No.	Part No.	★	Description	Code
R3315	VRS-CY1JF101J	R	100 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA
R3316	VRS-CY1JF000J	R	0 1/16W Metal Oxide (20GT-21C/21GT-21C)	AA

MISCELLANEOUS PARTS

P3300	QPLGZ0810CEZZ	R	Plug, 8Pin (20GT-21C/21GT-21C)	AD
P3301	QPLGZ0810CEZZ	R	Plug, 8Pin (20GT-21C/21GT-21C)	AD
P3302	QPLGZ0810CEZZ	R	Plug, 8Pin (20GT-21C/21GT-21C)	AD

MISCELLANEOUS PARTS

SP301	RSP-Z0005KJZZ	R	Speaker	AQ
SP302	RSP-Z0005KJZZ	R	Speaker	AQ
	QCNW-A229WJZZ	R	Connecting Cord (20GT-21C)	AD
	QCNW-A230WJZZ	R	Connecting Cord (20GT-21C/21GT-21C)	AD
	QCNW-A291WJZZ	R	Connecting Cord (14GT-16C/14GT-21C)	AD
	QCNW-A292WJZZ	R	Connecting Cord (14GT-16C/14GT-21C)	AD
	QCNW-A500WJZZ	R	Connecting Cord (21GT-21C)	
	QCNW-0026KJZZ	R	Connecting Cord (20GT-21C/21GT-21C)	AF
	QCNW-2378PEZZ	R	Connecting Cord (14GT-16C/14GT-21C)	AE
	QCNW-2379PEZZ	R	Connecting Cord (14GT-21C)	AE
	QCNW-2452PEZZ	R	Connecting Cord (20GT-21C/21GT-21C)	AE

SUPPLIED ACCESSORIES

ACCESSORIES

RRMCG0018KJSA	R	Infrared R-C (20GT-21C/21GT-21C)	AX
RRMCG0025KJSA	R	Infrared R-C (14GT-16C/14GT-21C)	
TiNS-0153KJZZ	R	Instruction Book (14GT-16C/14GT-21C)	
TiNS-0154KJZZ	R	Instruction Book (20GT-21C/21GT-21C)	
QANTR0018PEZZ	R	Rod Antenna (14GT-16C/14GT-21C)	AQ

PACKING PARTS
(NOT REPLACEMENT ITEM)

SPAKC0102KJZZ	-	Packing Case (20GT-21C/21GT-21C)	—
SPAKCA002WJZZ	-	Packing Case(14GT-21C)	—
SPAKCA003WJZZ	-	Packing Case(14GT-16C)	—
SPAKP0677CEZZ	-	Wrapping Paper (14GT-16C/14GT-21C)	—
SPAKP0697CEZZ	-	Wrapping Paper (20GT-21C/21GT-21C)	—
SPAKX0067KJZZ	-	Packing Foam (20GT-21C/21GT-21C)	—
SPAKX0068KJZZ	-	Packing Foam (20GT-21C/21GT-21C)	—
SPAKX0069KJZZ	-	Packing Foam (14GT-16C/14GT-21C)	—
SPAKX0070KJZZ	-	Packing Foam (14GT-16C/14GT-21C)	—
SSAKA0230CEZZ	-	Polyethylene Bag	—
TLABM0176KJZZ	-	Model Label(20GT-21C)	—
TLABM0177KJZZ	-	Model Labe(21GT-21C)	—
TLABMA003WJZZ	-	Model Labe(14GT-21C)	—
TLABMA004WJZZ	-	Model Labe(14GT-16C)	—
TLABN0148CEZZ	-	Serial Label (14GT-16C/14GT-21C)	—
TLABN0148KJZZ	-	Serial Label (20GT-21C/21GT-21C)	—
TLABV0127KJZZ	-	Bar Code Label (20GT-21C)	—
TLABV0128KJZZ	-	Bar Code Label (21GT-21C)	—
TLABVA001WJZZ	-	Bar Code Label (14GT-21C)	—
TLABVA002WJZZ	-	Bar Code Label (14GT-16C)	—
TLABZ0132KJZZ	-	Label(20GT-21C)	—
TLABZ0133KJZZ	-	Label(21GT-21C)	—

CABINET PARTS

14GT-16C

1	CCABA0113WEA2	R	Front Cabinet Ass'y	
1-1	*Not Avairable*	-	Front Cabinet	—
1-2	HBDGB0001KJSC	R	SHARP Badge	AE
1-3	JBTN-0043KJSD	R	Control Button	
1-4	HDECQ0038KJSA	R	LED/RC Cover	
1-5	JBTN-0044KJSD	R	Power Button	
1-6	MSPRC0021KJFW	R	Power Button Spring	AE
1-7	HDECQ0040KJSB	R	AV Cover	
2	GCABB0063KJKA	R	Rear Cabinet Ass'y	

14GT-21C

1	CCABA0112WEA0	R	Front Cabinet Ass'y	
1-1	*Not Avairable*	-	Front Cabinet	—
1-2	HBDGB0001KJSC	R	SHARP Badge	AE
1-3	JBTN-0043KJSD	R	Control Button	
1-4	HDECQ0038KJSA	R	LED/RC Cover	
1-5	JBTN-0044KJSD	R	Power Button	
1-6	MSPRC0021KJFW	R	Power Button Spring	AE
2	GCABB0063KJKA	R	Rear Cabinet Ass'y	

20GT-21C

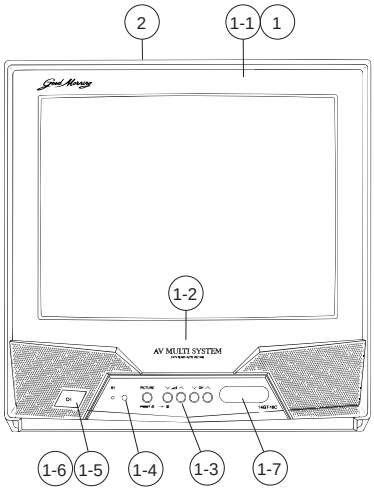
1	CCABA0114WEA0	R	Front Cabinet Ass'y	
1-1	*Not Avairable*	-	Front Cabinet	—
1-2	JBTN-0042KJSD	R	Power Button	
1-3	MSPRC0003KJFW	R	Power Button Spring	AB
1-4	HDECQ0038KJSA	R	LED/RC Cover	
1-5	JBTN-0043KJSD	R	Control Button	
1-6	HBDGB0001KJSC	R	SHARP Badge	AE
2	CCABB0064WEA0	R	Rear Cabinet Ass'y	
2-1	*Not Avairable*	-	Rear Cabinet	—

21GT-21C

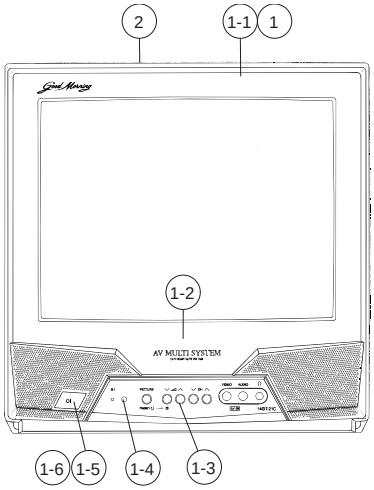
1	CCABA0115WEA0	R	Front Cabinet Ass'y	
1-1	*Not Avairable*	-	Front Cabinet	—
1-2	JBTN-0042KJSD	R	Power Button	
1-3	MSPRC0003KJFW	R	Power Button Spring	AB
1-4	HDECQ0038KJSA	R	LED/RC Cover	
1-5	JBTN-0043KJSD	R	Control Button	
1-6	HBDGB0001KJSC	R	SHARP Badge	AE
2	CCABB0064WEA0	R	Rear Cabinet Ass'y	
2-1	*Not Avairable*	-	Rear Cabinet	—

Ref. No.	Part No.	★	Description	Code

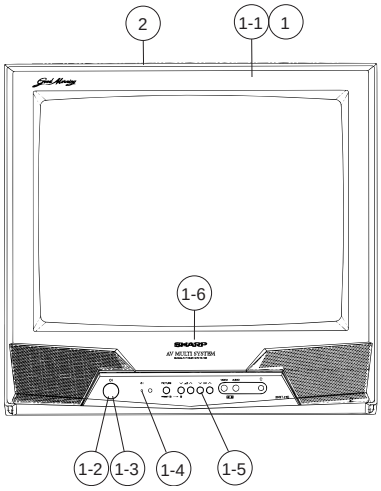
CABINET PARTS LOCATION



14GT-16C



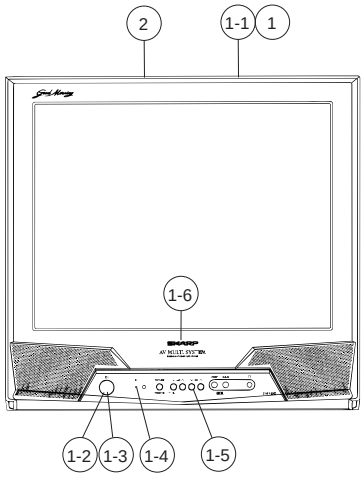
14GT-21C



20GT-21C

Ref. No.	Part No.	★	Description	Code

CABINET PARTS LOCATION

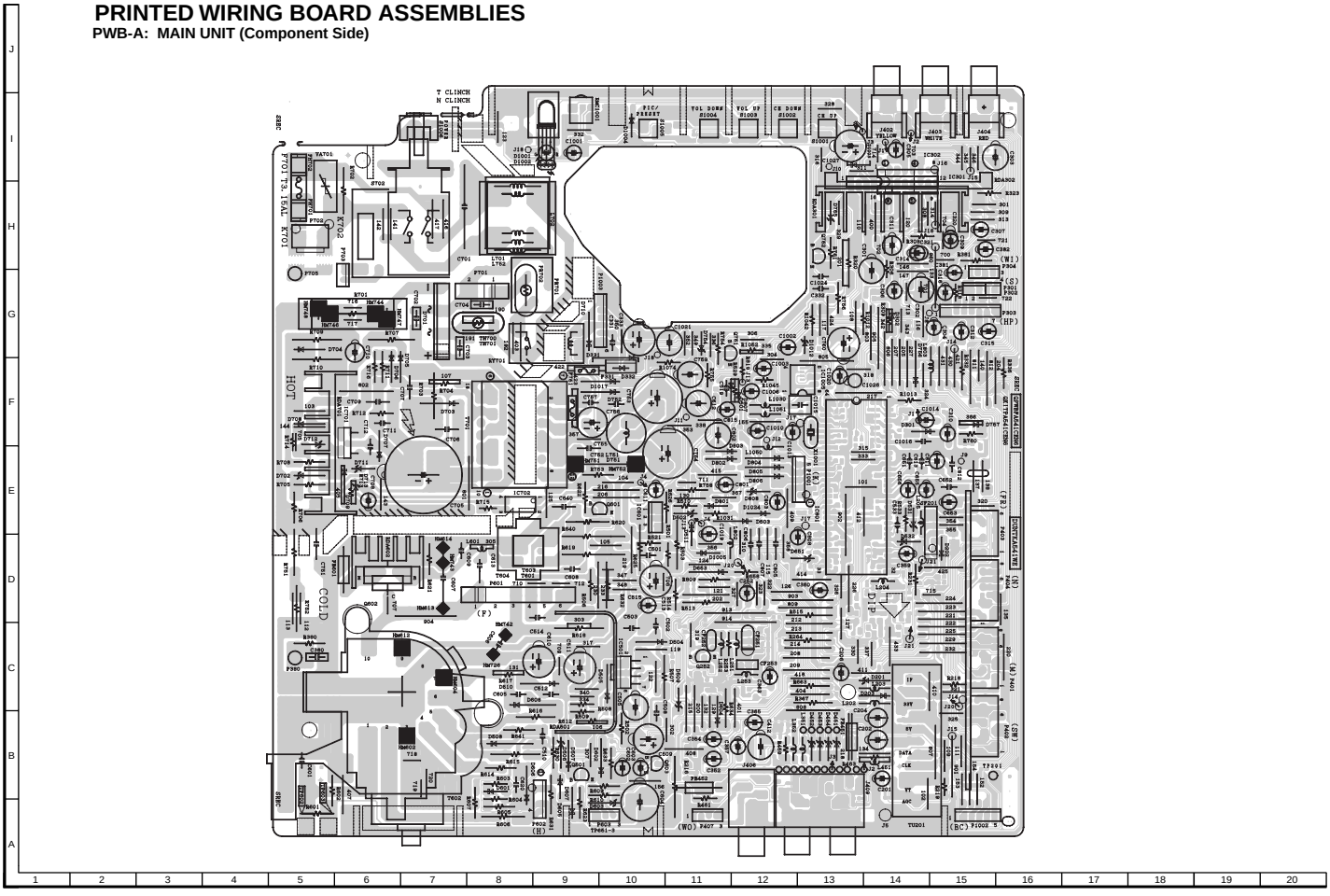


21GT-21C

14GT-16C/21C
20GT-21C/21GT-21C

PRINTED WIRING BOARD ASSEMBLIES

PWB-A: MAIN UNIT (Component Side)



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